



### FEATURES

Small size - High voltage – High Capacitance

### APPLICATIONS

UPS – DC link – AC/DC motor controls – Power inverters

|                                                            |                     |      |                                                                                                                           |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
|------------------------------------------------------------|---------------------|------|---------------------------------------------------------------------------------------------------------------------------|------|------------|-----------------|-------------|----------------------------------------------------------------------------------|---------------------------|--|-------------|--|--------|--|
| Operating Temperature Range                                |                     |      | -40°C to +100°C<br>Above +85°C applied voltage must be de-rated by 1.5%/°C                                                |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Capacitance Tolerance                                      |                     |      | ±10% at 1 kHz, 25°C<br>±5% optional                                                                                       |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Surge Voltage                                              | VDC                 | Code | A35                                                                                                                       | A40  | A45        | A50             | A55         | A60                                                                              | A70                       |  |             |  |        |  |
|                                                            |                     | 85°C | 575                                                                                                                       | 700  | 800        | 900             | 1000        | 1100                                                                             | 1275                      |  |             |  |        |  |
|                                                            |                     | 70°C | 630                                                                                                                       | 770  | 880        | 1000            | 1100        | 1200                                                                             | 1400                      |  |             |  |        |  |
|                                                            | Repetitive SVDC     | 85°C | 660                                                                                                                       | 805  | 920        | 1035            | 1150        | 1265                                                                             | 1465                      |  |             |  |        |  |
|                                                            |                     | 70°C | 720                                                                                                                       | 885  | 1010       | 1150            | 1265        | 1380                                                                             | 1610                      |  |             |  |        |  |
|                                                            | Non-repetitive SVDC | 85°C | 750                                                                                                                       | 910  | 1040       | 1170            | 1300        | 1430                                                                             | 1655                      |  |             |  |        |  |
|                                                            |                     | 70°C | 815                                                                                                                       | 1000 | 1140       | 1300            | 1430        | 1560                                                                             | 1820                      |  |             |  |        |  |
|                                                            |                     |      | Repetitive SVDC: Maximum repetitive voltage for 1 hour Max/Day                                                            |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| AC Voltage                                                 | Code                |      | A35                                                                                                                       | A40  | A45        | A50             | A55         | A60                                                                              | A70                       |  |             |  |        |  |
|                                                            | VDC                 |      | 575                                                                                                                       | 700  | 800        | 900             | 1000        | 1100                                                                             | 1275                      |  |             |  |        |  |
|                                                            | VAC                 | 85°C | 240                                                                                                                       | 285  | 315        | 350             | 400         | 420                                                                              | 440                       |  |             |  |        |  |
|                                                            |                     | 70°C | 250                                                                                                                       | 300  | 330        | 370             | 420         | 440                                                                              | 460                       |  |             |  |        |  |
| Dissipation Factor (MAX)<br>Tan δ (%)<br>at 1 kHz and 25°C |                     |      | C ≤ 4μF                                                                                                                   |      | 4μF<C≤12μF |                 | 12μF<C≤20μF |                                                                                  | 20μF<C≤40μF               |  | 40μF<C≤75μF |  | C>75μF |  |
|                                                            |                     |      | .06                                                                                                                       |      | .08        |                 | .11         |                                                                                  | .14                       |  | .17         |  | .2     |  |
| ESR (mΩ)                                                   |                     |      | Lead spacing (mm)                                                                                                         |      |            | Frequency range |             |                                                                                  | ESR Value                 |  |             |  |        |  |
|                                                            |                     |      | 27.5                                                                                                                      |      |            | 10kHz - 60kHz   |             |                                                                                  | See standard part listing |  |             |  |        |  |
|                                                            |                     |      | 37.5                                                                                                                      |      |            | 10kHz - 45 kHz  |             |                                                                                  | See standard part listing |  |             |  |        |  |
|                                                            |                     |      | 52.5                                                                                                                      |      |            | 10kHz - 30 kHz  |             |                                                                                  | See standard part listing |  |             |  |        |  |
| RMS Current                                                |                     |      | No RMS current is to be applied at temperatures > +95°C                                                                   |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Ripple Current                                             |                     |      | See standard part listing, No ripple current is to be applied when the ambient temperature is ≥+95°C                      |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Insulation Resistance                                      |                     |      | 3000 MΩxuF (10000 MΩxuF typical)<br>“Not to exceed 3GΩ”<br>After 1 minute of 100VDC applied between the terminals at 25°C |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Self Inductance                                            |                     |      | <1 nano-Henry per mm of lead spacing and lead length                                                                      |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Long Term Stability                                        |                     |      | Capacitance variation <1% MAX after 2 years                                                                               |      |            |                 |             |                                                                                  |                           |  |             |  |        |  |
| Dielectric Strength                                        |                     |      | Terminal to Terminal                                                                                                      |      |            |                 |             | Terminal to case                                                                 |                           |  |             |  |        |  |
|                                                            |                     |      | 150% of VDC or 150% of VAC applied for 10 Seconds and 25°C                                                                |      |            |                 |             | 3KVAC at 50/60 Hz applied between the terminals and case for 60 Seconds and 25°C |                           |  |             |  |        |  |



|                                                                                                                   |                                                                                                                                                                           |                                 |                                      |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------|
| Life Expectancy                                                                                                   | ≥60000 with VAC, ≥200000 With WVDC applied at +70°C<br>≥30000 with VAC, ≥100000 With WVDC applied at +85°C<br>≥10000 with 0.8xVAC, ≥30000 With 0.8xWVDC applied at +100°C |                                 |                                      |
| Failure Quota                                                                                                     | 300/billion component hours                                                                                                                                               |                                 |                                      |
| Damp Heat Test                                                                                                    | Test Condition                                                                                                                                                            | Performance requirements        |                                      |
|                                                                                                                   | Temperature= +40°C ±2°C                                                                                                                                                   | Max Capacitance change          | ≤ ±3%% of initially measured valued  |
|                                                                                                                   | Relative Humidity=93 ±2%                                                                                                                                                  | DF Change                       | ≤ 200% of initially specified valued |
|                                                                                                                   | Test length= 56 days                                                                                                                                                      | Insulation resistance           | ≥ 50% of minimum specified value     |
| Resistance to soldering Heat<br>Solder bath temperature: +260°C +/- 5°C<br>Exposure time: 10 seconds +/- 1 second | Max Capacitance change                                                                                                                                                    | ≤1% of initially measured value |                                      |
|                                                                                                                   | DF Change                                                                                                                                                                 | ≤ .1% at 1kHz                   |                                      |
|                                                                                                                   | Insulation resistance                                                                                                                                                     | ≥50% of minimum specified value |                                      |
| Construction                                                                                                      | Metallized Polypropylene film                                                                                                                                             |                                 |                                      |
| Electrodes                                                                                                        | Vacuum deposited Metal layers                                                                                                                                             |                                 |                                      |
| Coating                                                                                                           | Flame retardant Solvent resistant plastic case with epoxy end fill                                                                                                        |                                 |                                      |
| Lead Terminations                                                                                                 | Lead free tinned copper leads                                                                                                                                             |                                 |                                      |



### Lead styles



#### 2 leads

|                  |             |      |      |      |
|------------------|-------------|------|------|------|
| Length (L)       | 32          | 41.5 | 42.5 | 57.5 |
| Lead spacing (S) | 27.5        | 37.5 | 37.5 | 52.5 |
| Lead Length (LL) | 5mm +/-1 mm |      |      |      |



#### 4 leads

|                  |                  |      |      |      |
|------------------|------------------|------|------|------|
| Length (L)       | 32               | 41.5 | 42.5 | 57.5 |
| Lead spacing (S) | 27.5             | 37.5 | 37.5 | 52.5 |
| Lead Spacing (P) | See part listing |      |      |      |
| Lead Length (LL) | 5mm +/-1 mm      |      |      |      |



#### 6 leads

|                  |                  |      |      |      |
|------------------|------------------|------|------|------|
| Length (L)       | 32               | 41.5 | 42.5 | 57.5 |
| Lead spacing (S) | 27.5             | 37.5 | 37.5 | 52.5 |
| Lead Spacing (P) | See part listing |      |      |      |
| Lead Length (LL) | 5mm +/-1 mm      |      |      |      |

Dimensions in mm



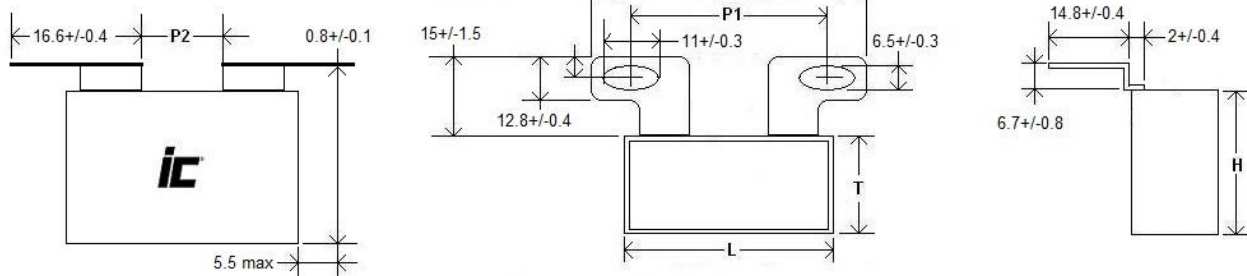
**STYLE S, SM8, T, TM8**



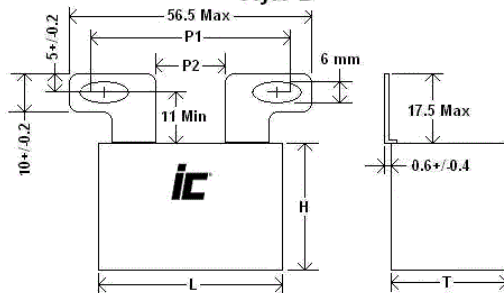
**STYLE L**



**STYLE E**



**Style B**



**STYLE F, FM8, G, GM8**



**Fixing pitch and distance between lugs (mm)**

| Lugs         | L         | P1      | P2   | S |
|--------------|-----------|---------|------|---|
| S,V,F        | 42 - 42.5 | 23 - 28 | 11   | 6 |
|              | 57.5      | 37 - 42 | 24   | 6 |
| SM8,VM8, FM8 | 42 - 42.5 | 25 - 26 | 11   | 8 |
|              | 57.5      | 39 - 40 | 24   | 8 |
| T,W,G        | 42 - 42.5 | 20 - 25 | 8    | 6 |
|              | 57.5      | 34 - 39 | 21   | 6 |
| TM8,WM8,GM8  | 42 - 42.5 | 22 - 23 | 8    | 8 |
|              | 57.5      | 36 - 37 | 21   | 8 |
| N,P          | 57.5      | 23 - 28 | 11   | 6 |
| NM8, PM8     | 57.5      | 25 - 26 | 11   | 8 |
| A            | 42 - 42.5 | 51 - 64 | ---- | 8 |
|              | 57.5      | 65 - 78 | ---  | 8 |
| B            | 42 - 42.5 | 32 - 45 | 17   | 6 |
| E            | 42 - 42.5 | 30 - 37 | 15   | 6 |
| L            | 42 - 42.5 | 22 - 24 | 8    | 6 |
|              | 57.5      | 36 - 38 | 21   | 8 |

Dimensions in mm



Dimensions in mm

# MHBS

2,4,6, lug lead radial box

| WVDC | Capacitance<br>(µF) | IC PART NUMBER | dv/dt<br>(V/µsec) | Maximum RMS Ripple Current<br>(A) 100 kHz, +70°C |       |      | Typical ESR<br>(mΩ) **,<br>+25°C | Dimensions<br>LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|-------------------|--------------------------------------------------|-------|------|----------------------------------|--------------------------|--------|--------|--------|---------|
|      |                     |                |                   | +15°C                                            | +10°C | +5°C |                                  |                          |        |        |        |         |
| 575  | 3.3                 | 335MHBS35K2H   | 27                | 4.5                                              | 3.5   | 2.5  | 15                               | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 575  | 4.7                 | 475MHBS35K2H   | 27                | 5.5                                              | 4.5   | 3.5  | 11.6                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 575  | 5                   | 505MHBS35K2H   | 27                | 6                                                | 4.5   | 3.5  | 11                               | 32x22x13                 | 27.5   | 1      |        | 2       |
| 575  | 6.8                 | 685MHBS35K2H   | 27                | 7                                                | 5.5   | 4    | 9.4                              | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 575  | 7.5                 | 755MHBS35K2H   | 27                | 8                                                | 6.5   | 4.5  | 8.6                              | 32x28x14                 | 27.5   | 1.2    |        | 2       |
| 575  | 10                  | 106MHBS35K2H   | 27                | 10                                               | 8     | 5.5  | 7                                | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 575  | 12                  | 126MHBS35KJ##  | 19                | 11                                               | 8.5   | 6.5  | 6.6                              | 42.5x28x17               |        |        |        | lugs    |
| 575  | 12                  | 126MHBS35K2H   | 27                | 11                                               | 8.5   | 6.5  | 6.1                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 575  | 12                  | 126MHBS35K2J   | 19                | 9.5                                              | 7.5   | 5.5  | 7.4                              | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 575  | 15                  | 156MHBS35KJ##  | 19                | 13                                               | 10    | 7.5  | 5.6                              | 42.5x30x22               |        |        |        | lugs    |
| 575  | 15                  | 156MHBS35K4H   | 27                | 14.5                                             | 11.5  | 8.5  | 4.9                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 2       |
| 575  | 15                  | 156MHBS35K2H   | 27                | 13.5                                             | 10.5  | 7.5  | 5.6                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 575  | 15                  | 156MHBS35K2J   | 19                | 11                                               | 8.5   | 6.5  | 6.4                              | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 575  | 20                  | 206MHBS35KJA## | 19                | 16.5                                             | 12.5  | 9.5  | 4.8                              | 41.5x40x20               |        |        |        | lugs    |
| 575  | 20                  | 206MHBS35K2JA  | 19                | 13.5                                             | 11    | 8    | 5.6                              | 41.5x40x20               | 37.5   | 1.2    |        | 2       |
| 575  | 20                  | 206MHBS35K4JA  | 19                | 15                                               | 12    | 8.5  | 5                                | 41.5x40x20               | 37.5   | 1.2    | 10.2   | 4       |
| 575  | 25                  | 256MHBS35KJ##  | 19                | 17                                               | 13.5  | 10   | 4.2                              | 42.5x37x28               |        |        |        | lugs    |
| 575  | 25                  | 256MHBS35K2J   | 19                | 14                                               | 11.5  | 8.5  | 5                                | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 575  | 25                  | 256MHBS35K4J   | 19                | 15.5                                             | 12.5  | 9    | 4.4                              | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 575  | 30                  | 306MHBS35KJ##  | 19                | 18.5                                             | 14.5  | 10.5 | 3.8                              | 42.5x37x28               |        |        |        | lugs    |
| 575  | 30                  | 306MHBS35K2J   | 19                | 14                                               | 12    | 9    | 4.6                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 575  | 30                  | 306MHBS35K4J   | 19                | 16.5                                             | 13    | 9.5  | 4                                | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 575  | 35                  | 356MHBS35KJ##  | 19                | 21                                               | 16.5  | 12.5 | 3.5                              | 42.5x45x30               |        |        |        | lugs    |
| 575  | 35                  | 356MHBS35K2J   | 19                | 14                                               | 14    | 11   | 4.3                              | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 575  | 35                  | 356MHBS35K4J   | 19                | 19                                               | 15.5  | 11   | 3.7                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 575  | 40                  | 406MHBS35KJ##  | 19                | 22                                               | 17.5  | 13   | 3.2                              | 42.5x45x30               |        |        |        | lugs    |
| 575  | 40                  | 406MHBS35K2J   | 19                | 14                                               | 14    | 11   | 4                                | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 575  | 40                  | 406MHBS35K4J   | 19                | 20                                               | 16    | 12   | 3.4                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 575  | 50                  | 506MHBS35KR##  | 12.5              | 21.5                                             | 17.5  | 12.5 | 3.8                              | 57.5x45x30               |        |        |        | lugs    |
| 575  | 50                  | 506MHBS35K2R   | 12.5              | 14                                               | 14    | 10   | 4.6                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 575  | 50                  | 506MHBS35K4R   | 12.5              | 19                                               | 15.5  | 11   | 4                                | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 575  | 60                  | 606MHBS35KR##  | 12.5              | 23                                               | 18.5  | 13.5 | 3.4                              | 57.5x50x35               |        |        |        | lugs    |
| 575  | 60                  | 606MHBS35K2R   | 12.5              | 14                                               | 14    | 10.5 | 4.2                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 575  | 60                  | 606MHBS35K4R   | 12.5              | 20.5                                             | 16.5  | 12   | 3.6                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 575  | 75                  | 756MHBS35KR##  | 12.5              | 25.5                                             | 20.5  | 15   | 3.1                              | 57.5x50x35               |        |        |        | lugs    |
| 575  | 75                  | 756MHBS35K2R   | 12.5              | 14                                               | 14    | 12   | 3.9                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 575  | 75                  | 756MHBS35K4R   | 12.5              | 23                                               | 18.5  | 13.5 | 3.3                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 575  | 90                  | 906MHBS35K4R   | 12.5              | 25                                               | 21    | 14.5 | 3.1                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 575  | 90                  | 906MHBS35K6R   | 12.5              | 26                                               | 23    | 16   | 2.9                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 575  | 100                 | 107MHBS35K4R   | 12.5              | 26                                               | 21.5  | 15   | 3                                | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 575  | 100                 | 107MHBS35K6R   | 12.5              | 27                                               | 22    | 15.5 | 2.8                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 2.5                 | 255MHBS40K2H   | 31                | 4.5                                              | 3.5   | 3    | 15.8                             | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 700  | 2.5                 | 255MHBS40K2H   | 31                | 4.5                                              | 4     | 3    | 15.8                             | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 700  | 3.3                 | 335MHBS40K2H   | 31                | 5.5                                              | 4.5   | 3.5  | 13.3                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 700  | 4.7                 | 475MHBS40K2H   | 31                | 6.5                                              | 5.5   | 4    | 10.5                             | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 700  | 5                   | 505MHBS40K2H   | 31                | 7                                                | 5.5   | 4    | 9.7                              | 32x24.5x15               | 27.5   | 1.2    |        | 2       |
| 700  | 7.5                 | 755MHBS40K2J   | 21                | 7.5                                              | 6     | 4.5  | 9.2                              | 42.5x25x14               | 37.5   | 1.2    |        | 2       |
| 700  | 12                  | 126MHBS40KJ##  | 21                | 13                                               | 10    | 7.5  | 5.6                              | 42.5x30x22               |        |        |        | lugs    |
| 700  | 12                  | 126MHBS40K2H   | 31                | 13                                               | 10.5  | 7.5  | 5.8                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 700  | 12                  | 126MHBS40K4H   | 31                | 14.5                                             | 11.5  | 8.5  | 5.2                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 700  | 12                  | 126MHBS40K2J   | 21                | 11                                               | 8.5   | 6.5  | 6.4                              | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 700  | 15                  | 156MHBS40KJ##  | 21                | 14.5                                             | 11.5  | 8.5  | 4.7                              | 42.5x33.5x22             |        |        |        | lugs    |
| 700  | 15                  | 156MHBS40K2J   | 21                | 12                                               | 9.5   | 7    | 5.5                              | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 700  | 15                  | 156MHBS40K4J   | 21                | 13.5                                             | 10.5  | 7.5  | 4.9                              | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 700  | 20                  | 206MHBS40KJ##  | 21                | 17.5                                             | 14    | 10   | 4.1                              | 42.5x37x28               |        |        |        | lugs    |
| 700  | 20                  | 206MHBS40K2J   | 21                | 14                                               | 11.5  | 8.5  | 4.9                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 700  | 20                  | 206MHBS40K4J   | 21                | 18.5                                             | 14.5  | 10.5 | 4.1                              | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 22                  | 226MHBS40KJ##  | 21                | 19.5                                             | 15.5  | 11.5 | 3.8                              | 42.5x37.5x28             |        |        |        | 2       |

# MHBS

2,4,6, lug lead radial box

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(V/μsec) | Maximum RMS Ripple Current<br>(A) 100 kHz, +70°C |       |      | Typical ESR<br>(mΩ) **,<br>+25°C | Dimensions<br>LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|-------------------|--------------------------------------------------|-------|------|----------------------------------|--------------------------|--------|--------|--------|---------|
|      |                     |                |                   | +15°C                                            | +10°C | +5°C |                                  |                          |        |        |        |         |
| 700  | 22                  | 226MHBS40KJA## | 21                | 18.5                                             | 14.5  | 10.5 | 3.8                              | 41.5x44x24               |        |        |        | lugs    |
| 700  | 22                  | 226MHBS40K2J   | 21                | 14                                               | 13    | 9.5  | 4.6                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 700  | 22                  | 226MHBS40K2JA  | 21                | 14                                               | 12    | 9    | 4.6                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 700  | 22                  | 226MHBS40K4J   | 21                | 17.5                                             | 14    | 10.5 | 4                                | 42.5x37.5x28             | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 22                  | 226MHBS40K4JA  | 21                | 16.5                                             | 13.5  | 10   | 4                                | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 25                  | 256MHBS40KJA## | 21                | 21                                               | 16.5  | 12   | 3.5                              | 41.5x44x24               |        |        |        | lugs    |
| 700  | 25                  | 256MHBS40K2JA  | 21                | 14                                               | 13.5  | 10   | 4.3                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 700  | 25                  | 256MHBS40K4JA  | 21                | 19                                               | 15    | 11   | 3.7                              | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 30                  | 306MHBS40KJ##  | 21                | 22.5                                             | 17.5  | 13   | 3.2                              | 42.5x45x30               |        |        |        | lugs    |
| 700  | 30                  | 306MHBS40K2J   | 21                | 14                                               | 14    | 11   | 4                                | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 700  | 30                  | 306MHBS40K4J   | 21                | 20.5                                             | 16    | 12   | 3.4                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 40                  | 406MHBS40KR##  | 14.5              | 22                                               | 17.5  | 12.5 | 3.6                              | 57.5x45x30               |        |        |        | lugs    |
| 700  | 40                  | 406MHBS40K2R   | 14.5              | 14                                               | 14    | 10.5 | 4.4                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 700  | 40                  | 406MHBS40K4R   | 14.5              | 20                                               | 16    | 11.5 | 3.8                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 45                  | 456MHBS40KR##  | 14.5              | 23                                               | 18    | 13   | 3.4                              | 57.5x45x30               |        |        |        | lugs    |
| 700  | 45                  | 456MHBS40K2R   | 14.5              | 14                                               | 14    | 11   | 4.2                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 700  | 45                  | 456MHBS40K4R   | 14.5              | 21                                               | 16.5  | 12   | 3.6                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 50                  | 506MHBS40KR##  | 14.5              | 24.5                                             | 19.5  | 14.5 | 3.2                              | 57.5x50x35               |        |        |        | lugs    |
| 700  | 50                  | 506MHBS40K2R   | 14.5              | 14                                               | 14    | 12   | 4                                | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 700  | 50                  | 506MHBS40K4R   | 14.5              | 22.5                                             | 18    | 13   | 3.4                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 55                  | 556MHBS40KR##  | 14.5              | 25.5                                             | 20.5  | 15   | 3.1                              | 57.5x50x35               |        |        |        | lugs    |
| 700  | 55                  | 556MHBS40K2R   | 14.5              | 14                                               | 14    | 12.5 | 3.9                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 700  | 55                  | 556MHBS40K4R   | 14.5              | 23.5                                             | 19    | 13.5 | 3.3                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 60                  | 606MHBS40KR##  | 14.5              | 26.5                                             | 21    | 15.5 | 2.9                              | 57.5x50x35               |        |        |        | lugs    |
| 700  | 60                  | 606MHBS40K2R   | 14.5              | 14                                               | 14    | 13   | 3.7                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 700  | 60                  | 606MHBS40K4R   | 14.5              | 24.5                                             | 19.5  | 14   | 3.1                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 75                  | 756MHBS40KR##  | 14.5              | 28.5                                             | 24    | 17   | 2.7                              | 57.5x57.5x38             |        |        |        | lugs    |
| 700  | 75                  | 756MHBS40K4R   | 14.5              | 26                                               | 21.5  | 15.5 | 2.9                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 75                  | 756MHBS40K6R   | 14.5              | 27                                               | 22.5  | 16   | 2.7                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 80                  | 806MHBS40K4R   | 14.5              | 26.5                                             | 22    | 15.5 | 2.8                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 80                  | 806MHBS40K6R   | 14.5              | 27.5                                             | 22    | 16.5 | 2.6                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 800  | 2.2                 | 225MHBS45K2H   | 36                | 4.5                                              | 4     | 3    | 15.3                             | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 800  | 3                   | 305MHBS45K2H   | 36                | 5.5                                              | 4.5   | 3.5  | 12.4                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 800  | 4                   | 405MHBS45K2H   | 36                | 6.5                                              | 5.5   | 4    | 10.8                             | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 800  | 5                   | 505MHBS45K2H   | 36                | 7.5                                              | 6     | 4    | 10.5                             | 32x28x14                 | 27.5   | 1.2    |        | 2       |
| 800  | 5                   | 505MHBS45K2J   | 24                | 7.5                                              | 6     | 4    | 10.3                             | 42.5x25x14               | 37.5   | 1.2    |        | 2       |
| 800  | 6.8                 | 685MHBS45K2H   | 36                | 9.5                                              | 7.5   | 5.5  | 7.6                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 800  | 7.5                 | 755MHBS45KJ##  | 24                | 10.5                                             | 8.5   | 6    | 7.5                              | 42.5x28x17               |        |        |        | lugs    |
| 800  | 7.5                 | 755MHBS45K2H   | 36                | 10.5                                             | 8.5   | 6    | 7.1                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 800  | 7.5                 | 755MHBS45K4H   | 36                | 11.5                                             | 9     | 6.5  | 6.5                              | 32x33x18                 | 27.5   | 1.2    | 5.1    | 4       |
| 800  | 7.5                 | 755MHBS45K2J   | 24                | 9                                                | 7     | 5    | 8.3                              | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 800  | 10                  | 106MHBS45KJ##  | 24                | 12.5                                             | 10    | 7.5  | 6.2                              | 42.5x30x22               |        |        |        | lugs    |
| 800  | 10                  | 106MHBS45K2H   | 36                | 13                                               | 10.5  | 7.5  | 5.9                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 800  | 10                  | 106MHBS45K4H   | 24                | 14.5                                             | 11.5  | 8.5  | 5.3                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 800  | 10                  | 106MHBS45K2J   | 24                | 10.5                                             | 8.5   | 6    | 7                                | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 800  | 10                  | 106MHBS45K4J   | 24                | 11.5                                             | 9     | 6.5  | 6.4                              | 42.5x30x22               | 37.5   | 1.2    | 5.1    | 4       |
| 800  | 12                  | 126MHBS45KJ##  | 24                | 13.5                                             | 11    | 8    | 5.6                              | 42.5x33.5x22             |        |        |        | lugs    |
| 800  | 12                  | 126MHBS45K2J   | 24                | 11.5                                             | 9     | 7    | 6.4                              | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 800  | 12                  | 126MHBS45K4J   | 24                | 12.5                                             | 10    | 7.5  | 5.8                              | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 800  | 15                  | 156MHBS45K2JA  | 24                | 13.5                                             | 11    | 8    | 5.6                              | 41.5x40x20               | 37.5   | 1.2    |        | 2       |
| 800  | 15                  | 156MHBS45K4JA  | 24                | 15                                               | 12    | 8.5  | 5                                | 41.5x40x20               | 37.5   | 1.2    | 10.2   | 4       |
| 800  | 20                  | 206MHBS45K2JA  | 24                | 14                                               | 13    | 9.5  | 4.8                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 800  | 20                  | 206MHBS45K4JA  | 24                | 18                                               | 14.5  | 10.5 | 4.2                              | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 800  | 22                  | 226MHBS45KJ##  | 24                | 20.5                                             | 16    | 12   | 3.8                              | 42.5x45x30               |        |        |        | lugs    |
| 800  | 22                  | 226MHBS45K2J   | 24                | 14                                               | 13.5  | 10   | 4.6                              | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 800  | 22                  | 226MHBS45K4J   | 24                | 18.5                                             | 14.5  | 10.5 | 4                                | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 800  | 25                  | 256MHBS45KJ##  | 24                | 22                                               | 17    | 12.5 | 3.5                              | 42.5x45x30               |        |        |        | lugs    |
| 800  | 25                  | 256MHBS45K2J   | 24                | 14                                               | 14    | 10.5 | 4.3                              | 42.5x45x30               | 37.5   | 1.2    |        | 2       |

# MHBS

2,4,6, lug lead radial box

| WVDC | Capacitance<br>(µF) | IC PART NUMBER | dv/dt<br>(V/µsec) | Maximum RMS Ripple Current<br>(A) 100 kHz, +70°C |       |      | Typical ESR<br>(mΩ) **,<br>+25°C | Dimensions<br>LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|-------------------|--------------------------------------------------|-------|------|----------------------------------|--------------------------|--------|--------|--------|---------|
|      |                     |                |                   | +15°C                                            | +10°C | +5°C |                                  |                          |        |        |        |         |
| 800  | 25                  | 256MHBS45K4J   | 24                | 19.5                                             | 15.5  | 11.5 | 3.7                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 800  | 30                  | 306MHBS45KR##  | 16.5              | 21                                               | 16.5  | 12   | 4.1                              | 57.5x45x30               |        |        |        | lugs    |
| 800  | 30                  | 306MHBS45K2R   | 16.5              | 14                                               | 14    | 10   | 4.7                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 800  | 30                  | 306MHBS45K4R   | 16.5              | 21                                               | 16.5  | 12   | 4.1                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 35                  | 356MHBS45KR##  | 16.5              | 22                                               | 17.5  | 13   | 3.7                              | 0x0x0                    |        |        |        | lugs    |
| 800  | 35                  | 356MHBS45K2R   | 16.5              | 14                                               | 14    | 11   | 4.5                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 800  | 35                  | 356MHBS45K4R   | 16.5              | 20                                               | 16    | 11.5 | 3.9                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 40                  | 406MHBS45KR##  | 16.5              | 23.5                                             | 19    | 14   | 3.4                              | 57.5x50x35               |        |        |        | lugs    |
| 800  | 40                  | 406MHBS45K2R   | 16.5              | 14                                               | 14    | 11.5 | 4.2                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 800  | 40                  | 406MHBS45K4R   | 16.5              | 21.5                                             | 17.5  | 12.5 | 3.6                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 45                  | 456MHBS45KR##  | 16.5              | 25.5                                             | 20    | 15   | 3.2                              | 57.5x50x35               |        |        |        | lugs    |
| 800  | 45                  | 456MHBS45K2R   | 16.5              | 14                                               | 14    | 12   | 4                                | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 800  | 45                  | 456MHBS45K4R   | 16.5              | 23                                               | 18.5  | 13.5 | 3.4                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 47                  | 476MHBS45K2R   | 16.5              | 14                                               | 14    | 12.5 | 3.9                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 800  | 47                  | 476MHBS45K4R   | 16.5              | 23.5                                             | 19    | 13.5 | 3.3                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 60                  | 606MHBS45KR##  | 16.5              | 28.5                                             | 22.5  | 16.5 | 2.8                              | 57.5x57.5x38             |        |        |        | lugs    |
| 800  | 60                  | 606MHBS45K4R   | 16.5              | 25.5                                             | 20.5  | 15.5 | 3                                | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 60                  | 606MHBS45K6R   | 16.5              | 26.5                                             | 21.5  | 15.5 | 2.8                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 800  | 65                  | 656MHBS45K4R   | 16.5              | 26.5                                             | 21    | 15.5 | 2.9                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 800  | 65                  | 656MHBS45K6R   | 16.5              | 27.5                                             | 22    | 16   | 2.7                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 900  | 2.2                 | 225MHBS50K2H   | 41.5              | 5                                                | 4     | 3    | 14.7                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 900  | 2.5                 | 255MHBS50K2H   | 41.5              | 5.5                                              | 4.5   | 3    | 13.5                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 900  | 3                   | 305MHBS50K2H   | 41.5              | 6.5                                              | 5     | 3.5  | 11.9                             | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 900  | 3.3                 | 335MHBS50K2H   | 41.5              | 7                                                | 5.5   | 4    | 11                               | 32x28x14                 | 27.5   | 1.2    |        | 2       |
| 900  | 4.7                 | 475MHBS50K2J   | 28                | 7                                                | 5.5   | 4    | 10.6                             | 42.5x25x14               | 27.5   | 1.2    |        | 2       |
| 900  | 6                   | 605MHBS50KJ##  | 28                | 10.5                                             | 8.5   | 6    | 8.4                              | 42.5x28x17               |        |        |        | lugs    |
| 900  | 6                   | 605MHBS50K2H   | 41.5              | 9.5                                              | 7.5   | 5.5  | 7.6                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 900  | 6                   | 605MHBS50K4H   | 41.5              | 10.5                                             | 8.5   | 6    | 7                                | 32x33x18                 | 27.5   | 1.2    | 5.1    | 2       |
| 900  | 6                   | 605MHBS50K2J   | 42.5              | 9                                                | 7     | 5    | 9.2                              | 42.5x18x17               | 37.5   | 1.2    |        | 4       |
| 900  | 7.5                 | 755MHBS50KH##  | 28                | 12                                               | 9.5   | 7    | 7.2                              | 42.5x30x22               |        |        |        | lugs    |
| 900  | 7.5                 | 755MHBS50K2H   | 41.5              | 12.5                                             | 9.5   | 7    | 6.9                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 900  | 7.5                 | 755MHBS50K4H   | 41.5              | 13.5                                             | 10.5  | 8    | 6.3                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 900  | 7.5                 | 755MHBS50K2J   | 28                | 10                                               | 8     | 5.5  | 8                                | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 900  | 10                  | 106MHBS50KJ##  | 28                | 13.5                                             | 10.5  | 8    | 6                                | 42.5x33.5x22             |        |        |        | lugs    |
| 900  | 10                  | 106MHBS50K2J   | 28                | 11.5                                             | 9     | 6.5  | 6.8                              | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 900  | 10                  | 106MHBS50K4J   | 28                | 12.5                                             | 9.5   | 7    | 6.2                              | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 900  | 12                  | 126MHBS50KJA## | 28                | 15.5                                             | 12.5  | 9    | 5.5                              | 41.5x40x20               |        |        |        | lugs    |
| 900  | 12                  | 126MHBS50K2JA  | 28                | 13.5                                             | 11    | 7.5  | 6.3                              | 41.5x40x20               | 37.5   | 1.2    |        | 2       |
| 900  | 12                  | 126MHBS50K4JA  | 28                | 14.5                                             | 11.5  | 8    | 5.7                              | 41.5x40x20               | 37.5   | 1.2    | 10.2   | 4       |
| 900  | 15                  | 156MHBS50KJ##  | 28                | 17                                               | 14    | 10.5 | 4.5                              | 42.5x37x28               |        |        |        | lugs    |
| 900  | 15                  | 156MHBS50KJA## | 28                | 18.5                                             | 15    | 11.5 | 4.5                              | 41.5x44x24               |        |        |        | lugs    |
| 900  | 15                  | 156MHBS50KJ##  | 28                | 17.5                                             | 14    | 10.5 | 4.5                              | 42.5x37x28               |        |        |        | lugs    |
| 900  | 15                  | 156MHBS50K2JA  | 28                | 14                                               | 12.5  | 9.5  | 5.3                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 900  | 15                  | 156MHBS50K2J   | 28                | 14                                               | 11.5  | 8    | 5.3                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 900  | 15                  | 156MHBS50K2JA  | 28                | 14                                               | 12.5  | 9.5  | 5.3                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 900  | 15                  | 156MHBS50K4J   | 28                | 15.5                                             | 12.5  | 9    | 4.7                              | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 900  | 15                  | 156MHBS50K4JA  | 28                | 17                                               | 14    | 10.5 | 4.7                              | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 900  | 20                  | 206MHBS50K2J   | 28                | 14                                               | 14    | 10.5 | 4.5                              | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 900  | 20                  | 206MHBS50K4J   | 28                | 19                                               | 15    | 11   | 3.9                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 900  | 20                  | 206MHBS50KJ##  | 28                | 21                                               | 16.5  | 12   | 3.7                              | 42.5x45x30               | 37.5   |        |        | lugs    |
| 900  | 25                  | 256MHBS50KR##  | 18.5              | 19.5                                             | 16    | 11.5 | 4.5                              | 57.5x45x30               |        |        |        | lugs    |
| 900  | 25                  | 256MHBS50K2R   | 18.5              | 14                                               | 13    | 10   | 5.3                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 900  | 25                  | 256MHBS50K4R   | 18.5              | 18                                               | 15    | 11   | 4.7                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 900  | 35                  | 356MHBS50KR##  | 18.5              | 24                                               | 19    | 14   | 3.4                              | 57.5x50x35               |        |        |        | lugs    |
| 900  | 35                  | 356MHBS50K2R   | 18.5              | 14                                               | 14    | 12   | 4.2                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 900  | 35                  | 356MHBS50K4R   | 18.5              | 22                                               | 17.5  | 13   | 3.6                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 900  | 40                  | 406MHBS50KR2   | 18.5              | 14                                               | 14    | 13   | 3.9                              | 57.5x50x30               | 52.5   | 1.2    |        | 2       |
| 900  | 40                  | 406MHBS50K4R   | 18.5              | 23.5                                             | 19    | 13.5 | 3.3                              | 57.5x50x30               | 52.5   | 1.2    | 20.3   | 4       |

# MHBS

2,4,6, lug lead radial box

| WVDC | Capacitance<br>(µF) | IC PART NUMBER | dv/dt<br>(V/µsec) | Maximum RMS Ripple Current<br>(A) 100 kHz, +70°C |       |      | Typical ESR<br>(mΩ) **,<br>+25°C | Dimensions<br>LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|-------------------|--------------------------------------------------|-------|------|----------------------------------|--------------------------|--------|--------|--------|---------|
|      |                     |                |                   | +15°C                                            | +10°C | +5°C |                                  |                          |        |        |        |         |
| 900  | 47                  | 476MHBS50KR##  | 18.5              | 28.5                                             | 23    | 16.5 | 2.8                              | 57.5x57.5x38             |        |        |        | lugs    |
| 900  | 47                  | 476MHBS50K4R   | 18.5              | 25.5                                             | 20.5  | 15   | 3                                | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 900  | 47                  | 476MHBS50K6R   | 18.5              | 26.5                                             | 21.5  | 15.5 | 2.8                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 900  | 50                  | 506MHBS50K4R   | 18.5              | 26                                               | 21    | 15   | 3                                | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 900  | 50                  | 506MHBS50K6R   | 18.5              | 27                                               | 22    | 16   | 2.8                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | lugs    |
| 1000 | 1.5                 | 155MHBS55K2H   | 47                | 4.5                                              | 3.5   | 2.5  | 17.8                             | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 1000 | 2                   | 205MHBS55K2H   | 47                | 5.5                                              | 4     | 3    | 14.5                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 1000 | 2.5                 | 255MHBS55K2H   | 47                | 6                                                | 5     | 3.5  | 12.8                             | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 1000 | 2.5                 | 255MHBS55K2H   | 47                | 6                                                | 5     | 3.5  | 12.8                             | 32x28x15                 | 27.5   | 1.2    |        | 2       |
| 1000 | 3                   | 305MHBS55K2H   | 47                | 7.5                                              | 6     | 4    | 11                               | 32x28x14                 | 27.5   | 1.2    |        | 2       |
| 1000 | 4                   | 405MHBS55K2J   | 31                | 7                                                | 5.5   | 4    | 11                               | 42.5x25x14               | 37.5   | 1.2    |        | 2       |
| 1000 | 4.7                 | 475MHBS55KJ##  | 31                | 9.5                                              | 7.5   | 5.5  | 8.7                              | 42.5x28x17               |        |        |        | lugs    |
| 1000 | 4.7                 | 475MHBS55K2H   | 47                | 9.5                                              | 7.5   | 5.5  | 8.3                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1000 | 4.7                 | 475MHBS55K4H   | 47                | 10.5                                             | 8.5   | 6    | 7.7                              | 32x33x18                 | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 4.7                 | 475MHBS55K2J   | 31                | 8.5                                              | 6.5   | 4.5  | 9.6                              | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 1000 | 4.7                 | 475MHBS55K2J   | 31                | 8.5                                              | 6.5   | 4.5  | 9.6                              | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 1000 | 5                   | 505MHBS55KJ##  | 31                | 10.5                                             | 8.5   | 6    | 8.5                              | 42.5x28x17               |        |        |        | lugs    |
| 1000 | 5                   | 505MHBS55K2H   | 47                | 10                                               | 7.5   | 5.5  | 8                                | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1000 | 5                   | 505MHBS55K4H   | 47                | 11                                               | 9     | 6.5  | 7.4                              | 32x33x18                 | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 5                   | 505MHBS55K2J   | 31                | 9.5                                              | 7.5   | 5.5  | 9.3                              | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 1000 | 6.8                 | 685MHBS55KJ##  | 31                | 11.5                                             | 9     | 7    | 7.1                              | 42.5x30x22               |        |        |        | lugs    |
| 1000 | 6.8                 | 685MHBS55K2H   | 47                | 12                                               | 10    | 7.5  | 6.9                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 1000 | 6.8                 | 685MHBS55K4H   | 47                | 13.5                                             | 11    | 8    | 6.3                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 6.8                 | 685MHBS55K2J   | 31                | 10                                               | 8     | 6    | 7.9                              | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 1000 | 7.5                 | 755MHBS55KJ##  | 31                | 13                                               | 10.5  | 7.5  | 6.6                              | 42.5x33.5x22             |        |        |        | lugs    |
| 1000 | 7.5                 | 755MHBS55K2J   | 31                | 11                                               | 8.5   | 6.5  | 7.4                              | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 1000 | 7.5                 | 755MHBS55K4J   | 31                | 12                                               | 9.5   | 7    | 6.8                              | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 1000 | 9                   | 905MHBS55KJA## | 31                | 15.5                                             | 12    | 8.5  | 5.8                              | 41.5x40x20               |        |        |        | lugs    |
| 1000 | 9                   | 905MHBS55K2JA  | 31                | 13                                               | 10    | 7.5  | 6.6                              | 41.5x40x20               | 37.5   | 1.2    |        | 2       |
| 1000 | 9                   | 905MHBS55K4JA  | 31                | 14.5                                             | 11    | 8    | 6                                | 41.5x40x20               | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 10                  | 106MHBS55K2JA  | 31                | 13.5                                             | 10.5  | 8    | 6.3                              | 41.5x40x20               | 37.5   | 1.2    |        | 2       |
| 1000 | 10                  | 106MHBS55K4JA  | 31                | 15                                               | 11.5  | 8.5  | 5.7                              | 41.5x40x20               | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 12                  | 126MHBS55KJA## | 31                | 16.5                                             | 13.5  | 10   | 4.9                              | 41.5x44x24               |        |        |        | lugs    |
| 1000 | 12                  | 126MHBS55KJ##  | 31                | 18                                               | 14    | 10.5 | 4.9                              | 42.5x37x28               |        |        |        | lugs    |
| 1000 | 12                  | 126MHBS55K2JA  | 31                | 14                                               | 12    | 9    | 5.7                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 1000 | 12                  | 126MHBS55K2J   | 31                | 14                                               | 12    | 9    | 5.7                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 1000 | 12                  | 126MHBS55K4JA  | 31                | 16.5                                             | 13.5  | 9.5  | 5.1                              | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 12                  | 126MHBS55K4J   | 31                | 16.5                                             | 13.5  | 9.5  | 5.1                              | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 15                  | 156MHBS55KJ##  | 31                | 20                                               | 16    | 12   | 4.2                              | 42.5x45x30               |        |        |        | lugs    |
| 1000 | 15                  | 156MHBS55K2J   | 31                | 14                                               | 13.5  | 10   | 5                                | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 1000 | 15                  | 156MHBS55K4J   | 31                | 18                                               | 14.5  | 11   | 4.4                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 22                  | 226MHBS55KR##  | 21                | 20.5                                             | 16.5  | 12   | 4.3                              | 57.5x45x30               |        |        |        | lugs    |
| 1000 | 22                  | 226MHBS55K2R   | 21                | 14                                               | 13.5  | 10   | 5.1                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 1000 | 22                  | 226MHBS55K4R   | 21                | 18.5                                             | 15    | 11   | 4.5                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 30                  | 306MHBS55KR##  | 21                | 24                                               | 19    | 13.5 | 3.6                              | 57.5x50x35               |        |        |        | lugs    |
| 1000 | 30                  | 306MHBS55K2R   | 21                | 14                                               | 14    | 11.5 | 4.3                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 1000 | 30                  | 306MHBS55K4R   | 21                | 22                                               | 17.5  | 12.5 | 3.8                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 33                  | 336MHBS55K2R   | 21                | 14                                               | 14    | 12   | 4.1                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 1000 | 33                  | 336MHBS55K4R   | 21                | 23                                               | 18.5  | 13   | 3.5                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 40                  | 406MHBS55KR##  | 21                | 27.5                                             | 22    | 16.5 | 3                                | 57.5x57.5x38             |        |        |        | lugs    |
| 1000 | 40                  | 406MHBS55K4R   | 21                | 25                                               | 20    | 14.5 | 3.2                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 40                  | 406MHBS55K6R   | 21                | 26                                               | 15    | 3    | 3                                | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 1100 | 1.2                 | 125MHBS60K2H   | 50                | 4.5                                              | 3.5   | 2.5  | 18                               | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 1100 | 1.5                 | 155MHBS60K2H   | 50                | 5                                                | 4     | 3    | 15.5                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 1100 | 2                   | 205MHBS60K2H   | 50                | 6                                                | 5     | 3.5  | 12.9                             | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 1100 | 2.2                 | 225MHBS60K2H   | 50                | 6                                                | 5     | 3.5  | 12.2                             | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 1100 | 2.5                 | 255MHBS60K2H   | 50                | 7                                                | 5.5   | 4    | 10.8                             | 32x28x14                 | 27.5   | 1.2    |        | 2       |
| 1100 | 3                   | 305MHBS60K2J   | 34                | 6.5                                              | 5     | 4    | 11.8                             | 42x25x14                 | 37.5   | 1.2    |        | 2       |

# MHBS

2,4,6, lug lead radial box

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(V/μsec) | Maximum RMS Ripple Current<br>(A) 100 kHz, +70°C |       |      | Typical ESR<br>(mΩ) **,<br>+25°C | Dimensions<br>LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|-------------------|--------------------------------------------------|-------|------|----------------------------------|--------------------------|--------|--------|--------|---------|
|      |                     |                |                   | +15°C                                            | +10°C | +5°C |                                  |                          |        |        |        |         |
| 1100 | 3.3                 | 335MHBS60K2H   | 50                | 9                                                | 7     | 5    | 9.2                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1100 | 4                   | 405MHBS60KJ##  | 34                | 9.5                                              | 7.5   | 5.5  | 9.1                              | 42.5x28x17               |        |        |        | lugs    |
| 1100 | 4                   | 405MHBS60K2H   | 50                | 9.5                                              | 7.5   | 5.5  | 8.1                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1100 | 4                   | 405MHBS60K4H   | 50                | 10.5                                             | 8.5   | 6    | 7.5                              | 32x33x18                 | 27.5   | 1.2    | 5.1    | 4       |
| 1100 | 4                   | 405MHBS60K2J   | 34                | 8.5                                              | 6.5   | 4.5  | 9.9                              | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 1100 | 4.7                 | 475MHBS60KJ##  | 34                | 11.5                                             | 8.5   | 6.5  | 7.5                              | 42.5x30x22               |        |        |        | lugs    |
| 1100 | 4.7                 | 475MHBS60K2H   | 50                | 11.5                                             | 9     | 7    | 7.4                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 1100 | 4.7                 | 475MHBS60K4H   | 50                | 12.5                                             | 10    | 7.5  | 6.8                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 1100 | 4.7                 | 475MHBS60K2J   | 34                | 10                                               | 7.5   | 5.5  | 8.3                              | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 1100 | 5                   | 505MHBS60KJ##  | 34                | 12                                               | 9     | 6.5  | 7.3                              | 42.5x30x22               |        |        |        | lugs    |
| 1100 | 5                   | 505MHBS60K2H   | 50                | 12                                               | 9.5   | 7    | 7.2                              | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 1100 | 5                   | 505MHBS60K4H   | 50                | 13                                               | 10.5  | 7.5  | 6.6                              | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 1100 | 5                   | 505MHBS60K2J   | 34                | 10.5                                             | 8     | 5.5  | 8.1                              | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 1100 | 6.8                 | 685MHBS60KJ##  | 34                | 13                                               | 10.5  | 7.5  | 6.1                              | 42.5x33.5x22             |        |        |        | lugs    |
| 1100 | 6.8                 | 685MHBS60K2J   | 34                | 11                                               | 9     | 6.5  | 6.9                              | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 1100 | 6.8                 | 685MHBS60K4J   | 34                | 12                                               | 9.5   | 7    | 6.3                              | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 1100 | 7.5                 | 755MHBS70KJ##  | 41                | 17.5                                             | 13.5  | 10   | 5.3                              | 42.5x37x28               |        |        |        | lugs    |
| 1100 | 7.5                 | 755MHBS60KJA## | 34                | 14                                               | 11.5  | 8.5  | 5.8                              | 41.5x40x20               |        |        |        | lugs    |
| 1100 | 7.5                 | 755MHBS70K2J   | 41                | 14                                               | 11.5  | 8.5  | 6.1                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 1100 | 7.5                 | 755MHBS60K2J   | 34                | 11.5                                             | 9.5   | 6.5  | 6.6                              | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 1100 | 7.5                 | 755MHBS60K4J   | 34                | 12.5                                             | 10.5  | 7.5  | 6                                | 42.5x33.5x22             | 37.5   | 1.2    | 10.2   | 4       |
| 1100 | 7.5                 | 755MHBS70K4J   | 41                | 16                                               | 12.5  | 9    | 5.5                              | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 1100 | 10                  | 106MHBS60KJ##  | 34                | 18.5                                             | 14.5  | 10.5 | 4.7                              | 42.5x37x28               |        |        |        | lugs    |
| 1100 | 10                  | 106MHBS60KJA## | 34                | 18.5                                             | 14.5  | 10.5 | 4.7                              | 41.5x44x24               |        |        |        | lugs    |
| 1100 | 10                  | 106MHBS60K2J   | 34                | 14                                               | 12.5  | 9    | 5.5                              | 42.5x37x28               | 37.5   | 1.2    |        | 2       |
| 1100 | 10                  | 106MHBS60K2JA  | 34                | 14                                               | 12.5  | 9    | 5.5                              | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 1100 | 10                  | 106MHBS60K4JA  | 34                | 17                                               | 13.5  | 10   | 4.9                              | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 1100 | 10                  | 106MHBS60K4J   | 34                | 17                                               | 13.5  | 10   | 4.9                              | 42.5x37x28               | 37.5   | 1.2    | 10.2   | 4       |
| 1100 | 12                  | 126MHBS60KJ##  | 34                | 20                                               | 15.5  | 11.5 | 4.2                              | 42.5x45x30               |        |        |        | lugs    |
| 1100 | 12                  | 126MHBS60K2J   | 34                | 14                                               | 13.5  | 10   | 5                                | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 1100 | 12                  | 126MHBS60K4J   | 34                | 18.5                                             | 14.5  | 10.5 | 4.4                              | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 1100 | 20                  | 206MHBS60KR##  | 23                | 21                                               | 17    | 12.5 | 4                                | 57.5x45x30               |        |        |        | lugs    |
| 1100 | 20                  | 206MHBS60K2R   | 23                | 14                                               | 13.5  | 10   | 4.8                              | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 1100 | 20                  | 206MHBS60K4R   | 23                | 19                                               | 15    | 11   | 4.2                              | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 1100 | 22                  | 226MHBS60KR##  | 23                | 23                                               | 18.5  | 13   | 3.8                              | 57.5x50x35               |        |        |        | lugs    |
| 1100 | 22                  | 226MHBS60K2R   | 23                | 14                                               | 14    | 11   | 4.6                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 1100 | 22                  | 226MHBS60K4R   | 23                | 21                                               | 17    | 12   | 4                                | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 1100 | 25                  | 256MHBS70KR##  | 28                | 26                                               | 21    | 15   | 3.4                              | 0x0x0                    |        |        |        | lugs    |
| 1100 | 25                  | 256MHBS60K2R   | 23                | 14                                               | 14    | 12   | 4.4                              | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 1100 | 25                  | 256MHBS60K4R   | 23                | 22                                               | 17.5  | 12.5 | 3.8                              | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |
| 1100 | 25                  | 256MHBS70K4R   | 28                | 23                                               | 19    | 13.5 | 3.6                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 1100 | 25                  | 256MHBS70K6R   | 28                | 24                                               | 19.5  | 14   | 3.4                              | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 1100 | 25                  | 256MHBS60KR##  | 23                | 24                                               | 19.5  | 14   | 3.6                              | 57.5x50x35               | 52.5   |        |        | lugs    |
| 1100 | 33                  | 336MHBS60KR##  | 23                | 25.5                                             | 20.5  | 15   | 3.1                              | 57.5x57.5x38             |        |        |        | lugs    |
| 1100 | 33                  | 336MHBS60K4R   | 23                | 24.5                                             | 19.5  | 14.5 | 3.3                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 1100 | 35                  | 356MHBS60K4R   | 23                | 25                                               | 20    | 14.5 | 3.2                              | 57.5x57.5x38             | 52.5   | 1.2    | 20.3   | 4       |
| 1100 | 35                  | 356MHBS60K6R   | 23                | 26                                               | 20.5  | 15   | 3                                | 57.5x57.5x38             | 52.5   | 1.2    | 10.2   | 6       |
| 1275 | 0.68                | 684MHBS70K2H   | 61                | 4                                                | 3     | 2.5  | 23                               | 32x20x11                 | 27.5   | 0.8    |        | 2       |
| 1275 | 1                   | 105MHBS70K2H   | 61                | 5                                                | 4     | 3    | 17.8                             | 32x22x13                 | 27.5   | 1      |        | 2       |
| 1275 | 1.5                 | 155MHBS70K2H   | 61                | 6                                                | 4.5   | 3.5  | 14                               | 32x24.5x15               | 27.5   | 1      |        | 2       |
| 1275 | 2                   | 205MHBS70K2H   | 61                | 8                                                | 6.5   | 4.5  | 11.5                             | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1275 | 2.2                 | 225MHBS70K2H   | 61                | 8.5                                              | 6.5   | 4.5  | 10.8                             | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1275 | 2.2                 | 225MHBS70K2J   | 41                | 6.5                                              | 5     | 4    | 12.5                             | 42.5x25x14               | 37.5   | 1.2    |        | 2       |
| 1275 | 2.5                 | 255MHBS70K2H   | 61                | 9                                                | 7     | 5    | 9.7                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1275 | 3                   | 305MHBS70KJ##  | 41                | 9.5                                              | 7.5   | 5.5  | 9.3                              | 42.5x28x17               |        |        |        | lugs    |
| 1275 | 3                   | 305MHBS70K2H   | 61                | 9.5                                              | 7.5   | 5.5  | 8.6                              | 32x33x18                 | 27.5   | 1.2    |        | 2       |
| 1275 | 3                   | 305MHBS70K2J   | 41                | 8                                                | 6.5   | 5    | 10.1                             | 42.5x28x17               | 37.5   | 1.2    |        | 2       |
| 1275 | 3.3                 | 335MHBS70KJ##  | 41                | 10.5                                             | 8.5   | 6    | 8.8                              | 42.5x30x22               |        |        |        | lugs    |

# MHBS

2,4,6, lug lead radial box

| WVDC | Capacitance<br>( $\mu$ F) | IC PART NUMBER | dv/dt<br>(V/ $\mu$ sec) | Maximum RMS Ripple Current<br>(A) 100 kHz, +70°C |       |      | Typical ESR<br>(m $\Omega$ ) **,<br>+25°C | Dimensions<br>LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------------|----------------|-------------------------|--------------------------------------------------|-------|------|-------------------------------------------|--------------------------|--------|--------|--------|---------|
|      |                           |                |                         | +15°C                                            | +10°C | +5°C |                                           |                          |        |        |        |         |
| 1275 | 3.3                       | 335MHBS70K2H   | 61                      | 11                                               | 8.5   | 6.5  | 8.1                                       | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 1275 | 3.3                       | 335MHBS70K4H   | 61                      | 12                                               | 9     | 6.5  | 7.5                                       | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 1275 | 3.3                       | 335MHBS70K2J   | 41                      | 9                                                | 7.5   | 5.5  | 9.6                                       | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 1275 | 4                         | 405MHBS70KJ##  | 41                      | 11.5                                             | 9     | 6.5  | 7.9                                       | 42.5x30x22               |        |        |        | lugs    |
| 1275 | 4                         | 405MHBS70K2H   | 61                      | 12                                               | 9.5   | 7    | 7.1                                       | 32x37x22                 | 27.5   | 1.2    |        | 2       |
| 1275 | 4                         | 405MHBS70K4H   | 61                      | 13.5                                             | 10.5  | 7.5  | 6.5                                       | 32x37x22                 | 27.5   | 1.2    | 10.2   | 4       |
| 1275 | 4                         | 405MHBS70K2J   | 41                      | 10                                               | 8     | 6    | 8.7                                       | 42.5x30x22               | 37.5   | 1.2    |        | 2       |
| 1275 | 4.7                       | 475MHBS70KJ##  | 41                      | 12.5                                             | 10    | 7.5  | 7.1                                       | 42.5x33.5x22             |        |        |        | lugs    |
| 1275 | 4.7                       | 475MHBS70K2J   | 41                      | 10.5                                             | 8.5   | 6    | 7.9                                       | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 1275 | 4.7                       | 475MHBS70K4J   | 41                      | 11.5                                             | 9     | 6.5  | 7.3                                       | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 1275 | 5                         | 505MHBS70KJ##  | 41                      | 12.5                                             | 10    | 7.5  | 6.9                                       | 42.5x33.5x22             |        |        |        | lugs    |
| 1275 | 5                         | 505MHBS70K2J   | 41                      | 10.5                                             | 8.5   | 6.5  | 7.7                                       | 42.5x33.5x22             | 37.5   | 1.2    |        | 2       |
| 1275 | 5                         | 505MHBS70K4J   | 41                      | 11.5                                             | 9     | 6.5  | 7.1                                       | 42.5x33.5x22             | 37.5   | 1.2    | 5.1    | 4       |
| 1275 | 6.8                       | 685MHBS70KJA## | 41                      | 16                                               | 12.5  | 9.5  | 5.7                                       | 41.5x44x24               |        |        |        | lugs    |
| 1275 | 6.8                       | 685MHBS70K2JA  | 41                      | 13.5                                             | 11    | 8    | 6.5                                       | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 1275 | 6.8                       | 685MHBS70K4JA  | 41                      | 14.5                                             | 11.5  | 8.5  | 5.9                                       | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 1275 | 7.5                       | 755MHBS70KJA## | 41                      | 17.5                                             | 13.5  | 10   | 5.3                                       | 41.5x44x24               |        |        |        | lugs    |
| 1275 | 7.5                       | 755MHBS70K2JA  | 41                      | 14                                               | 11.5  | 8.5  | 6.1                                       | 41.5x44x24               | 37.5   | 1.2    |        | 2       |
| 1275 | 7.5                       | 755MHBS70K4JA  | 41                      | 16                                               | 12.5  | 9    | 5.5                                       | 41.5x44x24               | 37.5   | 1.2    | 10.2   | 4       |
| 1275 | 10                        | 106MHBS70KJ##  | 41                      | 20                                               | 15.5  | 11.5 | 4.3                                       | 42.5x45x30               |        |        |        | lugs    |
| 1275 | 10                        | 106MHBS70K2J   | 41                      | 14                                               | 13    | 9.5  | 5.1                                       | 42.5x45x30               | 37.5   | 1.2    |        | 2       |
| 1275 | 10                        | 106MHBS70K4J   | 41                      | 18                                               | 14    | 10.5 | 4.5                                       | 42.5x45x30               | 37.5   | 1.2    | 20.3   | 4       |
| 1275 | 12                        | 126MHBS70KR##  | 28                      | 18.5                                             | 14.5  | 10   | 5.2                                       | 57.5x45x30               |        |        |        | lugs    |
| 1275 | 12                        | 126MHBS70K2R   | 28                      | 14                                               | 12.5  | 9    | 6                                         | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 1275 | 12                        | 126MHBS70K4R   | 28                      | 17                                               | 13.5  | 9.5  | 5.4                                       | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 1275 | 15                        | 156MHBS70KR##  | 28                      | 19.5                                             | 15.5  | 11.5 | 4.6                                       | 57.5x45x30               |        |        |        | lugs    |
| 1275 | 15                        | 156MHBS70K2R   | 28                      | 14                                               | 13    | 10   | 5.4                                       | 57.5x45x30               | 52.5   | 1.2    |        | 2       |
| 1275 | 15                        | 156MHBS70K4R   | 28                      | 18                                               | 14.5  | 10.5 | 4.8                                       | 57.5x45x30               | 52.5   | 1.2    | 20.3   | 4       |
| 1275 | 20                        | 206MHBS70KR##  | 28                      | 23.5                                             | 19    | 13.5 | 3.8                                       | 57.5x50x35               |        |        |        | lugs    |
| 1275 | 20                        | 206MHBS70K2R   | 28                      | 14                                               | 14    | 11.5 | 4.6                                       | 57.5x50x35               | 52.5   | 1.2    |        | 2       |
| 1275 | 20                        | 206MHBS70K4R   | 28                      | 21.5                                             | 17.5  | 12   | 4                                         | 57.5x50x35               | 52.5   | 1.2    | 20.3   | 4       |