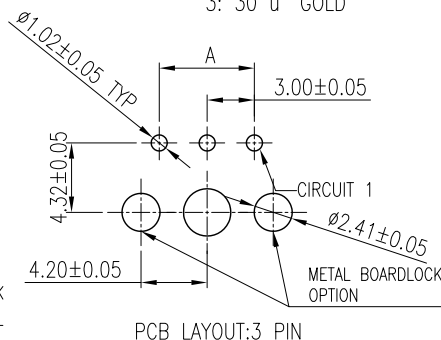
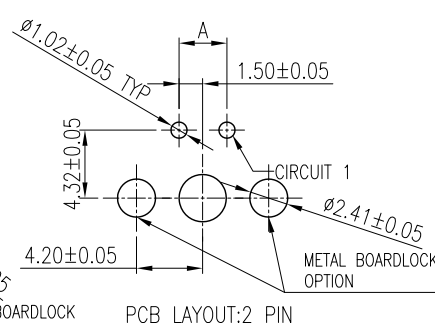
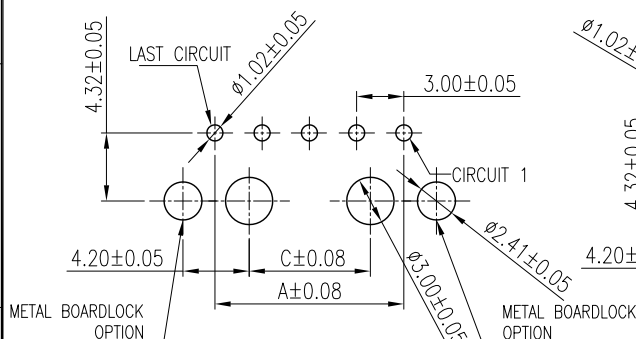
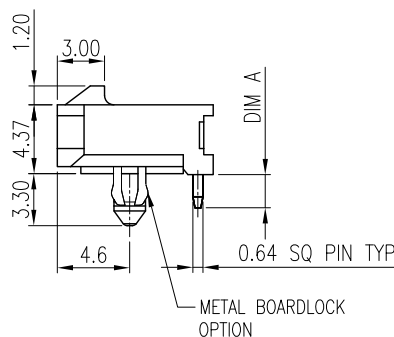
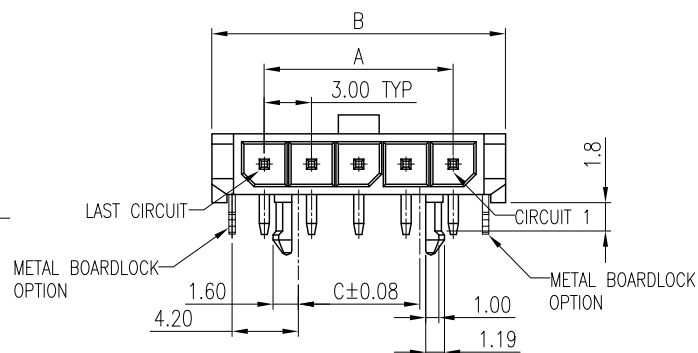
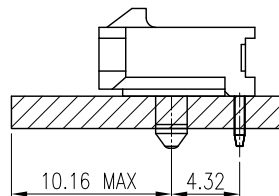
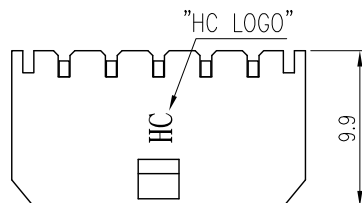


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ORIGINAL



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 1.57  
4-12 CIRCUIT HEADERS

#### NOTES:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, LCP, UL94V-0, COLOR: BLACK.  
TERMINAL: HIGH PERFORMANCE COPPER ALLOY.  
METAL BOARDLOCK: COPPER ALLOY.
- FINISH:  
TERMINAL:  
CONTACT AREA: SELECTIVE PLATING;  
SOLDERING AREA: MATTE TIN PLATING 100  $\mu$  THICKNESS MIN.;  
UNDER PLATING: NICKEL PLATING 50  $\mu$  THICKNESS MIN. OVERALL.  
METAL BOARDLOCK:  
MATTE TIN PLATING 100  $\mu$  THICKNESS MIN.;  
UNDER PLATING: NICKEL PLATING 50  $\mu$  THICKNESS MIN. OVERALL.
- PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT.
- PRODUCT SPECIFICATION REFER TO : PS-7528
- TO ENSURE CURRENT RATING CAPABILITY, PLEASE ADOPT TOTAL SOLUTION.  
(G88MPH CABLE HOUSING SERIES WITH G88MPC CABLE TERMINAL SERIES)

PART NO. G88MPBXX0X2XXEU

No. OF CIRCUIT

#### CONTACT FINISH

- 0: MATTE TIN (OVERALL)  
UNDER PLATING NICKEL  
50  $\mu$  THICKNESS MIN
- 1: FLASH GOLD (OVERALL)
- 2: 15  $\mu$  GOLD
- 3: 30  $\mu$  GOLD

DIM A /PACKING OPTIONS/METAL BOARDLOCK

- C1: 2.10mm/TRAY/ W/O METAL BOARDLOCK  
C : 3.20mm/TRAY/ W/O METAL BOARDLOCK  
C3: 2.10mm/TRAY/ W/METAL BOARDLOCK  
C4: 3.20mm/TRAY/ W/METAL BOARDLOCK  
1R: 2.10mm/T&R/ W/O METAL BOARDLOCK  
2R: 3.20mm/T&R/ W/O METAL BOARDLOCK  
3R: 2.10mm/T&R/ W/METAL BOARDLOCK  
4R: 3.20mm/T&R/ W/METAL BOARDLOCK

|       |      |       |      |
|-------|------|-------|------|
| 28.70 | 33.0 | 39.65 | 12   |
| 25.70 | 30.0 | 36.65 | 11   |
| 22.70 | 27.0 | 33.65 | 10   |
| 19.70 | 24.0 | 30.65 | 09   |
| 16.70 | 21.0 | 27.65 | 08   |
| 13.70 | 18.0 | 24.65 | 07   |
| 10.70 | 15.0 | 21.65 | 06   |
| 7.70  | 12.0 | 18.65 | 05   |
| 4.70  | 9.0  | 15.65 | 04   |
| NA    | 6.0  | 12.65 | 03   |
| NA    | 3.0  | 9.65  | 02   |
| C     | A    | B     | POS. |

| TOLERANCE                                    | APPROVALS              | DATE                | TITLE                                                          |  | PART No.        |  |
|----------------------------------------------|------------------------|---------------------|----------------------------------------------------------------|--|-----------------|--|
| X.<br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.10 | DRAWN<br>Aqua Chou     | 05/13/2016          | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |  | G88MPBXX0X2XXEU |  |
| ANGULAR ±1°                                  | CHECKED<br>Roger Tsai  | 05/13/2016          | UNIT mm                                                        |  | SIZE A3         |  |
| UNLESS OTHERWISE SPECIFIED                   | APPROVED<br>Roger Tsai | 05/13/2016          | SCALE NA                                                       |  | SHEET 1 OF 5    |  |
|                                              | DWG TYPE<br>CUST DWG   | PROJECT CODE<br>PHD | DWG No.                                                        |  | G88MPBXX0X2XXEU |  |
|                                              |                        |                     | REV.                                                           |  | C               |  |



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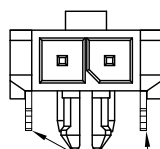
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ORIGINAL

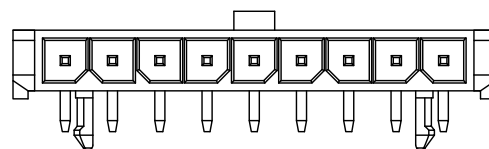


| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
| A         | NE-14096 | RELEASE TO PRODUCTION                         | 05/21/2014 | Arron Lin  |
| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |

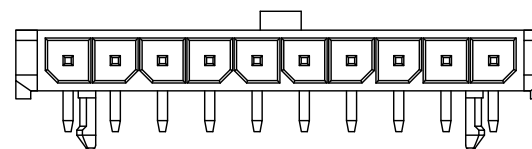


2 POS

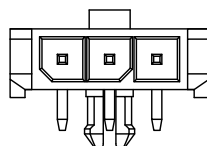
METAL BOARDLOCK  
OPTION FOR POS2~12



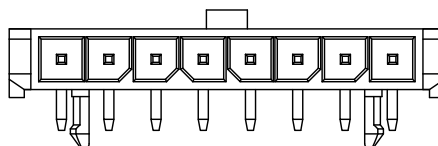
9 POS



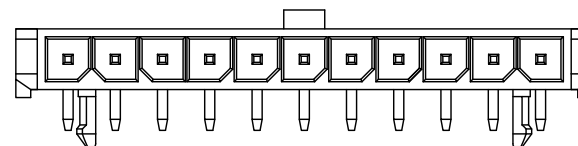
10 POS



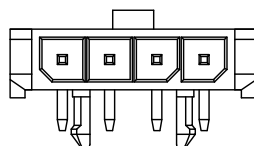
3 POS



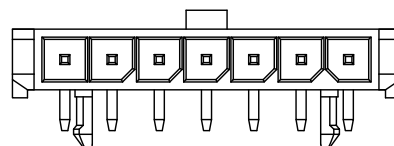
8 POS



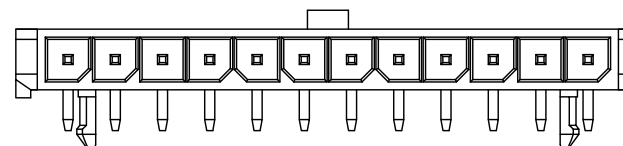
11 POS



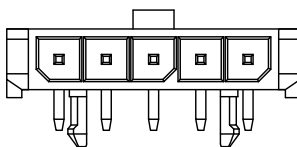
4 POS



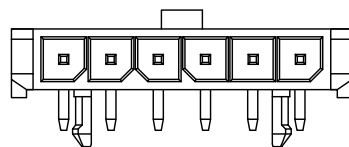
7 POS



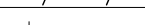
12 POS

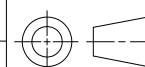


5 POS



6 POS

| TOLERANCE                  |       | APPROVALS |            | DATE       | TITLE                                                                                 |     |  | Amphenol®<br><br>Amphenol Corporation<br>Amphenol Taiwan Corporation |  |    |  |       |        |  |         |                 |  |      |   |  |
|----------------------------|-------|-----------|------------|------------|---------------------------------------------------------------------------------------|-----|--|----------------------------------------------------------------------|--|----|--|-------|--------|--|---------|-----------------|--|------|---|--|
| X.                         |       | DRAWN     | Aqua Chou  | 05/13/2016 |                                                                                       |     |  |                                                                      |  |    |  |       |        |  |         |                 |  |      |   |  |
| X.X                        | ±0.30 | CHECKED   | Roger Tsai | 05/13/2016 | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE                        |     |  | PART No. G88MPBXX0X2XXEU                                             |  |    |  |       |        |  |         |                 |  |      |   |  |
| X.XX                       | ±0.20 | APPROVED  | Roger Tsai | 05/13/2016 |                                                                                       |     |  |                                                                      |  |    |  |       |        |  |         |                 |  |      |   |  |
| X.XXX                      | ±0.10 |           |            |            |  |     |  | UNIT mm<br>SIZE A3                                                   |  |    |  |       |        |  |         |                 |  |      |   |  |
| ANGULAR                    | ±1°   |           |            |            |                                                                                       |     |  |                                                                      |  |    |  |       |        |  |         |                 |  |      |   |  |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE  | CUST DWG   |            | PROJECT CODE                                                                          | PHD |  | SCALE                                                                |  | NA |  | SHEET | 2 OF 5 |  | DWG No. | G88MPBXX0X2XXEU |  | REV. | C |  |



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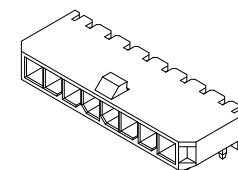


ORIGINAL

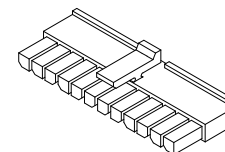


| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
| A         | NE-14096 | RELEASE TO PRODUCTION                         | 05/21/2014 | Arron Lin  |
| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |

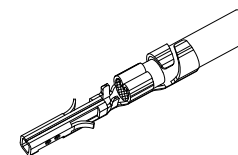
| POS. | BOARD-MOUNT P/N | CABLE HOUSING P/N | CABLE TERMINAL P/N | AWG NO.   | PLATING OPTIONS              |
|------|-----------------|-------------------|--------------------|-----------|------------------------------|
| 02   | G88MPB020X2XXEU | G88MPH0221CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 03   | G88MPB030X2XXEU | G88MPH0321CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 04   | G88MPB040X2XXEU | G88MPH0421CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 05   | G88MPB050X2XXEU | G88MPH0521CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 06   | G88MPB060X2XXEU | G88MPH0621CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 07   | G88MPB070X2XXEU | G88MPH0721EU      | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 08   | G88MPB080X2XXEU | G88MPH0821CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 09   | G88MPB090X2XXEU | G88MPH0921CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 10   | G88MPB100X2XXEU | G88MPH1021CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 11   | G88MPB110X2XXEU | G88MPH1121CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 12   | G88MPB120X2XXEU | G88MPH1221CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |



AMPHENOL BOARD-MOUNT



AMPHENOL CABLE HOUSING



AMPHENOL CABLE TERMINAL

NOTE:  
TO ENSURE CURRENT RATING CAPABILITY,  
PLEASE ADOPT TOTAL SOLUTION.  
(G88MPH CABLE HOUSING SERIES WITH  
G88MPC CABLE TERMINAL SERIES)

| TOLERANCE                  |       | APPROVALS            |                     | DATE       | TITLE                                                          |             |                 | Amphenol®<br>Amphenol Corporation<br>Amphenol Taiwan Corporation |  |  |
|----------------------------|-------|----------------------|---------------------|------------|----------------------------------------------------------------|-------------|-----------------|------------------------------------------------------------------|--|--|
| X.                         |       | DRAWN                | Aqua Chou           | 05/13/2016 |                                                                |             |                 |                                                                  |  |  |
| X.X                        | ±0.30 | CHECKED              | Roger Tsai          | 05/13/2016 | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |             |                 | PART No. G88MPBXX0X2XXEU                                         |  |  |
| X.XX                       | ±0.20 |                      |                     |            |                                                                |             |                 |                                                                  |  |  |
| X.XXX                      | ±0.10 | APPROVED             | Roger Tsai          | 05/13/2016 |                                                                | UNIT<br>mm  | SIZE<br>A3      | DWG No. G88MPBXX0X2XXEU<br>REV. C                                |  |  |
| ANGULAR                    | ±1°   |                      |                     |            |                                                                |             |                 |                                                                  |  |  |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE<br>CUST DWG | PROJECT CODE<br>PHD |            |                                                                | SCALE<br>NA | SHEET<br>3 OF 5 |                                                                  |  |  |

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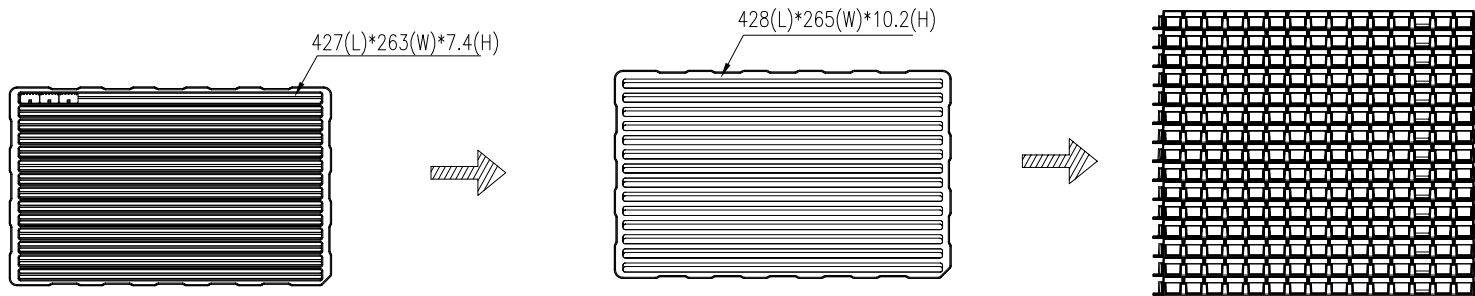
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ORIGINAL

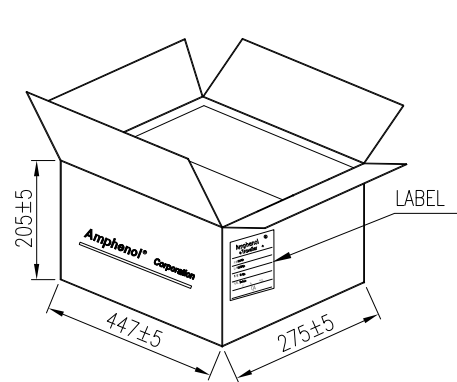


| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
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| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |



TRAY BOTTOM COVER

TRAY TOP COVER



(15 INSIDE CARTON)

| POS | PCS/TRAY | PCS/CARTON |
|-----|----------|------------|
| 02  | 574      | 8610       |
| 03  | 434      | 6510       |
| 04  | 350      | 5250       |
| 05  | 294      | 4410       |
| 06  | 252      | 3780       |
| 07  | 224      | 3360       |
| 08  | 196      | 2940       |
| 09  | 182      | 2730       |
| 10  | 154      | 2310       |
| 11  | 140      | 2100       |
| 12  | 140      | 2100       |

| TOLERANCE                  |       | APPROVALS |            | DATE         | TITLE                                                          |       |    | Amphenol®<br>Amphenol Corporation<br>Amphenol Taiwan Corporation |        |                         |
|----------------------------|-------|-----------|------------|--------------|----------------------------------------------------------------|-------|----|------------------------------------------------------------------|--------|-------------------------|
| X.                         |       | DRAWN     | Aqua Chou  | 05/13/2016   | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |       |    | PART No. G88MPBXX0X2XXEU                                         |        |                         |
| X.X                        | ±0.30 | CHECKED   | Roger Tsai | 05/13/2016   |                                                                |       |    |                                                                  |        |                         |
| X.XX                       | ±0.20 |           |            |              |                                                                |       |    |                                                                  |        |                         |
| X.XXX                      | ±0.10 | APPROVED  | Roger Tsai | 05/13/2016   |                                                                | UNIT  | mm | SIZE                                                             | A3     |                         |
| ANGULAR                    | ±1°   |           |            |              |                                                                | SCALE | NA | SHEET                                                            | 4 OF 5 | DWG No. G88MPBXX0X2XXEU |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE  | CUST DWG   | PROJECT CODE | PHD                                                            |       |    |                                                                  | REV.   | C                       |

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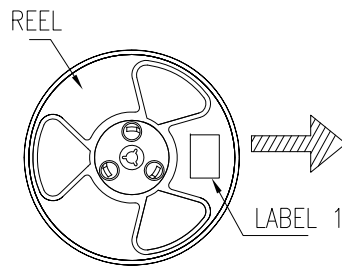
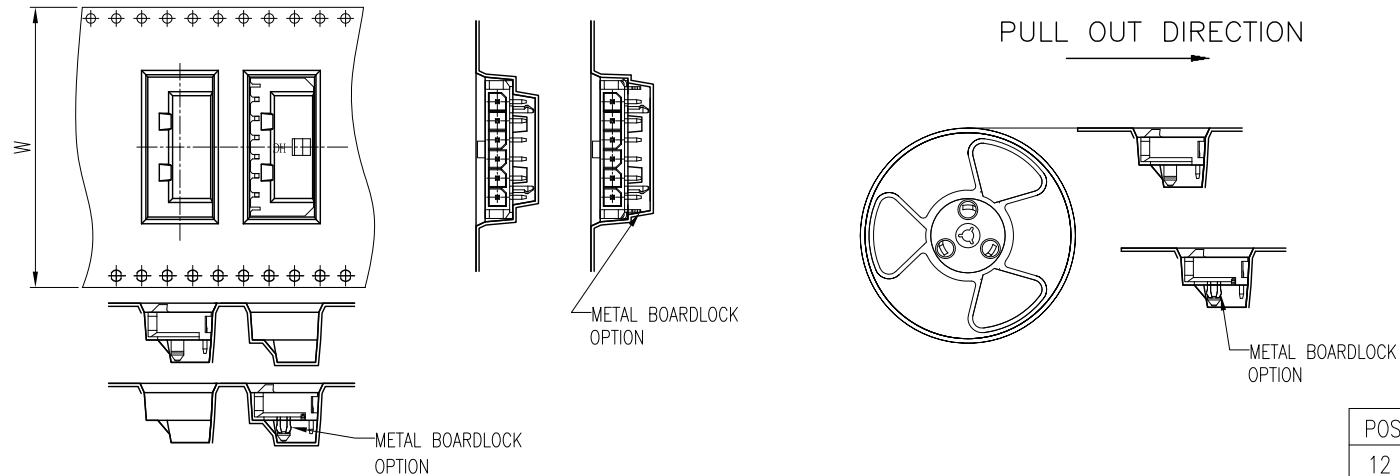
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ORIGINAL

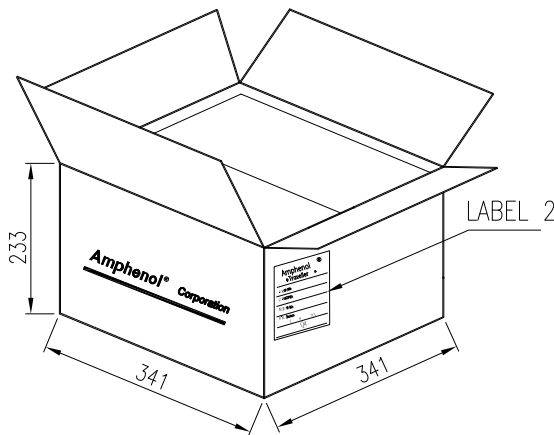


| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
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| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |

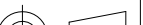


|                                         |
|-----------------------------------------|
| P/N :                                   |
| QTY : XX                                |
| P/O : XXX-XXXXXX-XXX                    |
| DATE : XX / XX / XXXX<br>MM / DD / YYYY |
| G.W : XX KG                             |
| RoHS                                    |
| Amphenol Taiwan Corporation             |

LABEL1 & LABEL2



| POS | W  | PCS/REEL | PCS/CARTON |
|-----|----|----------|------------|
| 12  | 56 | 400      | 1200       |
| 11  | 56 | 400      | 1200       |
| 10  | 56 | 400      | 1200       |
| 09  | 56 | 400      | 1200       |
| 08  | 44 | 400      | 1600       |
| 07  | 44 | 400      | 1600       |
| 06  | 44 | 400      | 1600       |
| 05  | 32 | 400      | 2000       |
| 04  | 32 | 400      | 2000       |
| 03  | 24 | 400      | 2800       |
| 02  | 24 | 400      | 2800       |

| TOLERANCE                  |       | APPROVALS            |                     | DATE       | TITLE                                                                                 |             |                 | Amphenol®                                           |  |           |
|----------------------------|-------|----------------------|---------------------|------------|---------------------------------------------------------------------------------------|-------------|-----------------|-----------------------------------------------------|--|-----------|
| X.                         |       | DRAWN                | Aqua Chou           | 05/13/2016 | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE                        |             |                 | Amphenol Corporation<br>Amphenol Taiwan Corporation |  |           |
| X.X                        | ±0.30 | CHECKED              | Roger Tsai          | 05/13/2016 |                                                                                       |             |                 |                                                     |  |           |
| X.XX                       | ±0.20 | APPROVED             | Roger Tsai          | 05/13/2016 |                                                                                       |             |                 |                                                     |  |           |
| X.XXX                      | ±0.10 |                      |                     |            |                                                                                       |             |                 |                                                     |  |           |
| ANGULAR ±1°                |       |                      | Roger Tsai          |            |  | UNIT<br>mm  | SIZE<br>A3      | PART No. G88MPBXX0X2XXEU                            |  |           |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE<br>CUST DWG | PROJECT CODE<br>PHD |            |  | SCALE<br>NA | SHEET<br>5 OF 5 | DWG No. G88MPBXX0X2XXEU                             |  | REV.<br>C |