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Part Number:

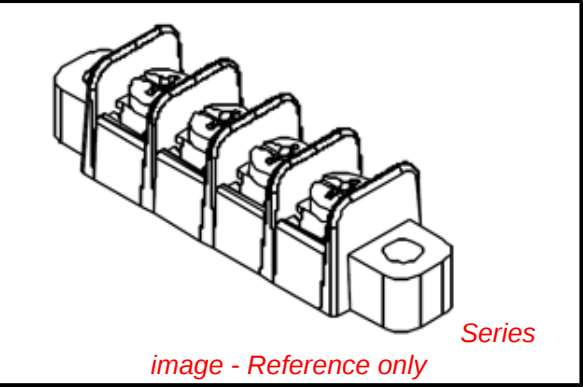
0387007302

Status:

Active

Description:

8.26mm (.325") Pitch Beau™ PCB Terminal Strip, with Mounting Ends, 2 Circuits, with Screw Clamp Washer



|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Documents:                    |                                                      |
| <a href="#">3D Model</a>      | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Drawing (PDF)</a> |                                                      |

|                                |                        |
|--------------------------------|------------------------|
| <b>General</b>                 |                        |
| Product Family                 | Terminal Blocks        |
| Series                         | 38700                  |
| Application                    | Wire-to-Board          |
| Component Type                 | One Piece              |
| Product Name                   | Fixed Mount Barrier    |
| Type                           | Barrier Strip          |
| <b>Physical</b>                |                        |
| Circuits (Loaded)              | 2                      |
| Circuits (maximum)             | 2                      |
| Entry Angle                    | Horizontal             |
| Lock to Mating Part            | None                   |
| Material - Metal               | Brass                  |
| Material - Plating Mating      | Tin                    |
| Material - Plating Termination | Tin                    |
| Number of Rows                 | 1                      |
| Orientation                    | Horizontal             |
| PC Tail Length (in)            | 0.140 In               |
| PC Tail Length (mm)            | 3.56 mm                |
| PCB Retention                  | Yes                    |
| Panel Mount                    | No                     |
| Pitch - Mating Interface (in)  | 0.325 In               |
| Pitch - Mating Interface (mm)  | 8.26 mm                |
| Pitch - Term. Interface (in)   | 0.325 In               |
| Pitch - Term. Interface (mm)   | 8.25 mm                |
| Plating min: Mating (µin)      | 150                    |
| Plating min: Mating (µm)       | 3.75                   |
| Plating min: Termination (µin) | 150                    |
| Plating min: Termination (µm)  | 3.75                   |
| Polarized to Mating Part       | No                     |
| Shrouded                       | Dual-Barrier           |
| Stackable                      | Yes                    |
| Surface Mount Compatible (SMC) | No                     |
| Temperature Range - Operating  | -40°C to +130°C        |
| Termination Interface: Style   | Through Hole           |
| Wire Size AWG                  | 12, 14, 16, 18, 20, 22 |
| Wire Size mm²                  | 0.50 - 2.50            |
| <b>Electrical</b>              |                        |
| Current - Maximum per Contact  | 20A                    |
| Voltage - Maximum              | 300V                   |
| <b>Solder Process Data</b>     |                        |
| Lead-free Process Capability   | Wave Capable (TH only) |
| <b>Material Info</b>           |                        |
| Old Part Number                | 70502-50               |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

38700Series

Mates With

N/A

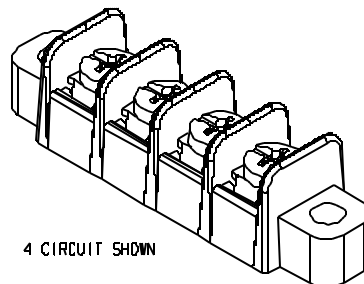
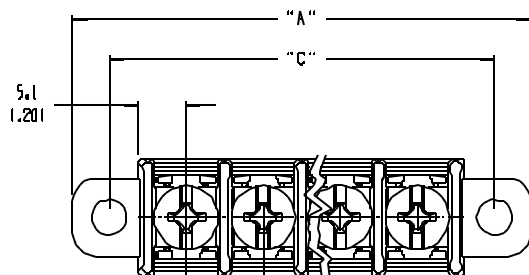
**Reference - Drawing Numbers**

Sales Drawing

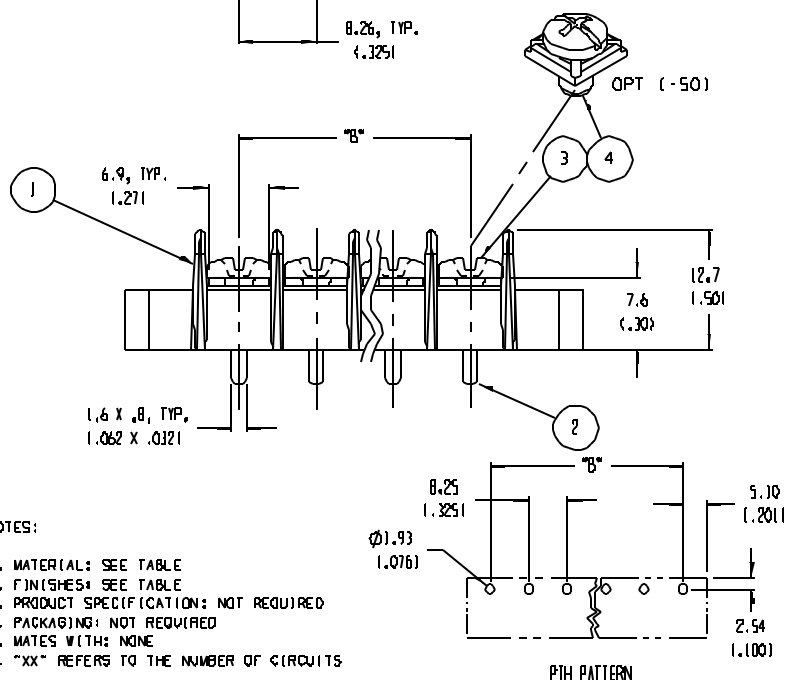
SD-38700-002

This document was generated on 04/22/2010

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4 CIRCUIT SHOWN



## NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. "XX" REFERS TO THE NUMBER OF CIRCUITS

PTH PATTERN

| 4    | "XX" | SCREW, #6-32, PAN HD, PH-SL, N/50 WASHER | STEEL         | ZN, CLEAR CHROMATE |
|------|------|------------------------------------------|---------------|--------------------|
| 3    | "XX" | SCREW, #6-32, PAN HD, PH-SL              | STEEL         | ZN, CLEAR CHROMATE |
| 2    | "XX" | TERMINAL                                 | BRASS         | TIN                |
| 1    | 1    | BARRIER                                  | THERMOPLASTIC | BLACK              |
| ITEM | QTY. | DESCRIPTION                              | MATERIAL      | FINISH             |

ECN: 3712  
 DWN: CY 05-28-04  
 CHN: 1  
 APPR: 1

QUALITY SYMBOLS  
 MAJOR  
 CRITICAL  
 SPC  
 5

GENERAL TOLERANCES:  
 (UNLESS SPECIFIED)  
 4 PLACES ±.0015  
 3 PLACES ±.008  
 2 PLACES ±.01  
 1 PLACE ±.03  
 ANGULAR: ±2°  
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: 2:1  
 DESIGN UNITS: ☐ MM ☒ INCH  
 DRAWN BY & DATE: V. HOWARD 07-29-03  
 CHECKED BY & DATE: R. KEMP 08-05-03  
 APPROVED BY & DATE: P. WALTZ 08-05-03  
 CAP FILE NAME: 705XX  
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

THIRD ANGLE PROJECTION  
 TITLE: SR BT5 ASSY, PC  
 MOLEX INCORPORATED  
 MATERIAL NO. SEE CHART  
 DRAWING NO. SD-38700-002  
 SHEET NO. 1 OF 1  
 SIZE B

| NUMBER OF CIRCUITS "XX" | DIM "A"       | DIM "B"        | DIM "C"         | MATERIAL NUMBER (STD) | MATERIAL NUMBER 1-50 OPT |
|-------------------------|---------------|----------------|-----------------|-----------------------|--------------------------|
| 02                      | 32.7 (1.291)  | 8.26 (1.325)   | 24.78 (1.976)   | 387006102             | 387007302                |
| 03                      | 40.9 (1.611)  | 16.52 (1.650)  | 33.04 (1.301)   | 387006103             | 387007303                |
| 04                      | 49.2 (1.941)  | 24.78 (1.976)  | 41.30 (1.626)   | 387006104             | 387007304                |
| 05                      | 57.4 (2.261)  | 33.04 (1.301)  | 49.56 (1.951)   | 387006105             | 387007305                |
| 06                      | 65.7 (2.591)  | 41.30 (1.626)  | 57.82 (2.276)   | 387006106             | 387007306                |
| 07                      | 74.0 (2.911)  | 49.56 (1.951)  | 66.08 (2.602)   | 387006107             | 387007307                |
| 08                      | 82.2 (3.241)  | 57.82 (2.276)  | 74.34 (2.927)   | 387006108             | 387007308                |
| 09                      | 90.5 (3.561)  | 66.08 (2.602)  | 82.60 (3.252)   | 387006109             | 387007309                |
| 10                      | 98.7 (3.891)  | 74.34 (2.927)  | 90.86 (3.577)   | 387006110             | 387007310                |
| 11                      | 107.0 (4.211) | 82.60 (3.252)  | 99.12 (3.902)   | 387006111             | 387007311                |
| 12                      | 115.3 (4.541) | 90.86 (3.577)  | 107.38 (4.228)  | 387006112             | 387007312                |
| 13                      | 123.5 (4.861) | 99.12 (3.902)  | 115.64 (4.553)  | 387006113             | 387007313                |
| 14                      | 131.8 (5.191) | 107.38 (4.228) | 123.90 (4.878)  | 387006114             | 387007314                |
| 15                      | 140.0 (5.511) | 115.64 (4.553) | 132.16 (5.203)  | 387006115             | 387007315                |
| 16                      | 148.3 (5.841) | 123.90 (4.878) | 140.42 (5.528)  | 387006116             | 387007316                |
| 17                      | 156.6 (6.161) | 132.16 (5.203) | 148.68 (5.854)  | 387006117             | 387007317                |
| 18                      | 164.8 (6.491) | 140.42 (5.528) | 156.94 (6.179)  | 387006118             | 387007318                |
| 19                      | 173.1 (6.811) | 148.68 (5.854) | 165.20 (6.504)  | 387006119             | 387007319                |
| 20                      | 181.3 (7.141) | 156.94 (6.179) | 173.46 (6.829)  | 387006120             | 387007320                |
| 21                      | 189.6 (7.461) | 165.20 (6.504) | 181.72 (7.154)  | 387006121             | 387007321                |
| 22                      | 197.9 (7.791) | 173.46 (6.829) | 189.98 (7.480)  | 387006122             | 387007322                |
| 23                      | 206.1 (8.111) | 181.72 (7.154) | 198.24 (7.805)  | 387006123             | 387007323                |
| 24                      | 214.4 (8.441) | 189.98 (7.480) | 206.50 (8.130)  | 387006124             | 387007324                |
| 25                      | 222.6 (8.771) | 198.24 (7.805) | 214.76 (8.455)  | 387006125             | 387007325                |
| 26                      | 230.9 (9.091) | 206.50 (8.130) | 223.02 (8.780)  | 387006126             | 387007326                |
| 27                      | 239.2 (9.421) | 214.76 (8.455) | 231.28 (9.106)  | 387006127             | 387007327                |
| 28                      | 247.4 (9.741) | 223.02 (8.780) | 239.54 (9.431)  | 387006128             | 387007328                |
| 29                      | 255.7 (10.07) | 231.28 (9.106) | 247.80 (9.756)  | 387006129             | 387007329                |
| 30                      | 263.9 (10.39) | 239.54 (9.431) | 256.06 (10.081) | 387006130             | 387007330                |