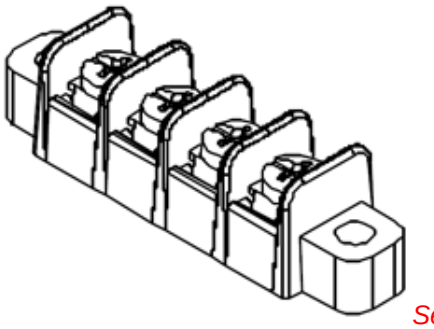
molex
one company > a world of innovation

This document was generated on 04/22/2010

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0387006115
**Status:** Active
**Description:** 8.26mm (.325") Pitch Beau™ PCB Terminal Strip, with Mounting Ends, 15 Circuits



*Series image - Reference only*

**Documents:**
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Terminal Blocks |
| Series | 38700 |
| Application | Wire-to-Board |
| Component Type | One Piece |
| Product Name | Fixed Mount Barrier |
| Type | Barrier Strip |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 15 |
| Circuits (maximum) | 15 |
| Color - Resin | Black |
| Entry Angle | Horizontal |
| Lock to Mating Part | None |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| 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 | 14, 16, 18, 20, 22 |
| Wire Size mm² | 0.50 - 1.50 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 15A |
| Voltage - Maximum | 300V |

## Solder Process Data

| | |
|---|---|
| Lead-free Process Capability | Wave Capable (TH only) |

## Material Info

**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
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

| | |
|---|---|
| Old Part Number | 70515 |

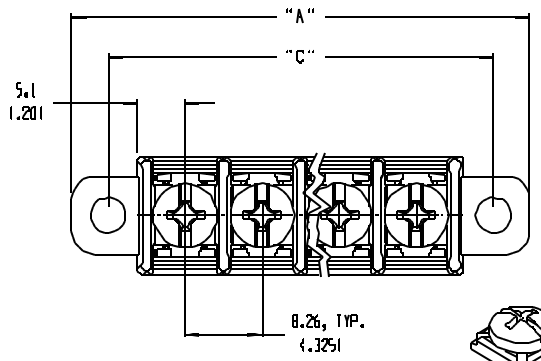
**Reference - Drawing Numbers**

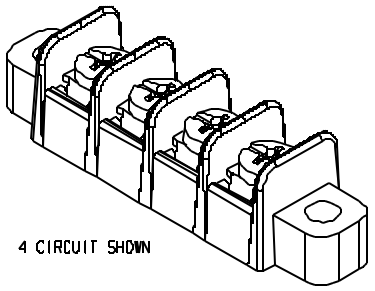
| | |
|---|---|
| Sales Drawing | SD-38700-002 |

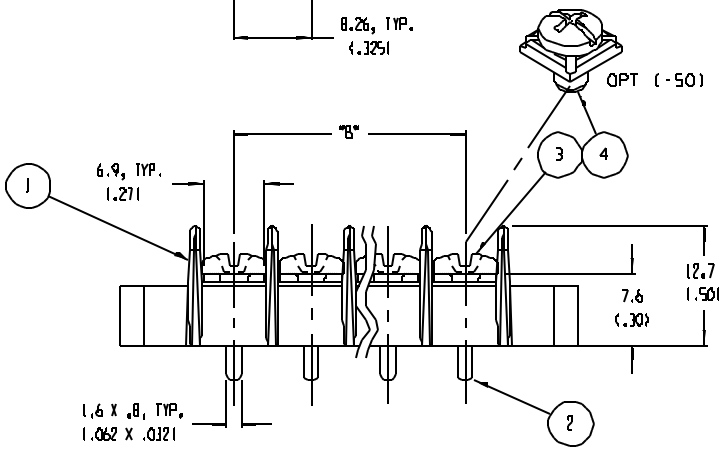
This document was generated on 04/22/2010

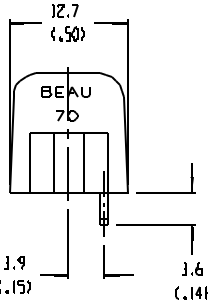
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

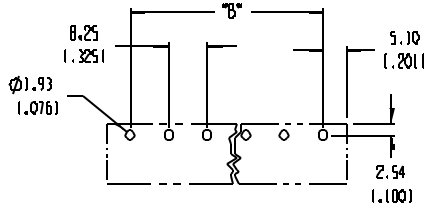
SD-38700-002





4 CIRCUIT SHOWN



PTH PATTERN

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

| NUMBER OF CIRCUITS "XX" | DIM "A" | DIM "B" | DIM "C" | MATERIAL NUMBER (STD) | MATERIAL NUMBER (-50 OPT) |
|---|---|---|---|---|---|
| 02 | 12.7 [.291] | 8.26 [.325] | 24.78 [.976] | 397006102 | 397007302 |
| 03 | 40.9 [1.611] | 16.52 [.650] | 33.04 [1.301] | 397006103 | 397007303 |
| 04 | 49.2 [1.941] | 24.78 [.976] | 41.30 [1.626] | 397006104 | 397007304 |
| 05 | 57.4 [2.261] | 33.04 [1.301] | 49.56 [1.951] | 397006105 | 397007305 |
| 06 | 65.7 [2.591] | 41.30 [1.626] | 57.82 [2.276] | 397006106 | 397007306 |
| 07 | 74.0 [2.911] | 49.56 [1.951] | 66.08 [2.602] | 397006107 | 397007307 |
| 08 | 82.2 [3.241] | 57.82 [2.276] | 74.34 [2.927] | 397006108 | 397007308 |
| 09 | 90.5 [3.561] | 66.08 [2.602] | 82.60 [3.252] | 397006109 | 397006309 |
| 10 | 98.7 [3.891] | 74.34 [2.927] | 90.86 [3.577] | 397006110 | 397007310 |
| 11 | 107.0 [4.211] | 82.60 [3.252] | 99.12 [3.902] | 397006111 | 397007311 |
| 12 | 115.3 [4.541] | 90.86 [3.577] | 107.38 [4.228] | 397006112 | 397007312 |
| 13 | 123.5 [4.861] | 99.12 [3.902] | 115.64 [4.553] | 397006113 | 397007313 |
| 14 | 131.8 [5.191] | 107.38 [4.228] | 123.90 [4.878] | 397006114 | 397007314 |
| 15 | 140.0 [5.511] | 115.64 [4.553] | 132.16 [5.203] | 397006115 | 397007315 |
| 16 | 148.3 [5.841] | 123.90 [4.878] | 140.42 [5.528] | 397006116 | 397007316 |
| 17 | 156.6 [6.161] | 132.16 [5.203] | 148.68 [5.854] | 397006117 | 397007317 |
| 18 | 164.8 [6.491] | 140.42 [5.528] | 156.94 [6.179] | 397006118 | 397007318 |
| 19 | 173.1 [6.811] | 148.68 [5.854] | 165.20 [6.504] | 397006119 | 397007319 |
| 20 | 181.3 [7.141] | 156.94 [6.179] | 173.46 [6.829] | 397006120 | 397007320 |
| 21 | 189.6 [7.461] | 165.20 [6.504] | 181.72 [7.154] | 397006121 | 397007321 |
| 22 | 197.9 [7.791] | 173.46 [6.829] | 189.98 [7.480] | 397006122 | 397007322 |
| 23 | 206.1 [8.111] | 181.72 [7.154] | 198.24 [7.805] | 397006123 | 397007323 |
| 24 | 214.4 [8.441] | 189.98 [7.480] | 206.50 [8.130] | 397006124 | 397007324 |
| 25 | 222.6 [8.771] | 198.24 [7.805] | 214.76 [8.455] | 397006125 | 397007325 |
| 26 | 230.9 [9.091] | 206.50 [8.130] | 223.02 [8.780] | 397006126 | 397007326 |
| 27 | 239.2 [9.421] | 214.76 [8.455] | 231.28 [9.106] | 397006127 | 397007327 |
| 28 | 247.4 [9.741] | 223.02 [8.780] | 239.54 [9.431] | 397006128 | 397007328 |
| 29 | 255.7 [10.071] | 231.28 [9.106] | 247.80 [9.756] | 397006129 | 397007329 |
| 30 | 263.9 [10.391] | 239.54 [9.431] | 256.06 [10.081] | 397006130 | 397007330 |

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

EC NO. ECN# 3712
DRWN: CY 05-28-04
CHK'K:
APPR:
DESCRIPTION
B
REV

QUALITY SYMBOLS
MAJOR
CRITICAL (C)
SPC (S)

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | | ±.0015 |
| 3 PLACES | ±.038 | ±.005 |
| 2 PLACES | ±.13 | ±.01 |
| 1 PLACE | ±.3 | |
| ANGULAR: | ±2° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 2:1
DESIGN UNITS ☐ MM ☒ INCH
THIRD ANGLE PROJECTION
DRAWN BY & DATE W. HOWARD 07-29-03
CHECKED BY & DATE R. KEMP 08-05-03
APPROVED BY & DATE P. WALTZ 08-05-03
CAD FILENAME 705XX

PROJECT NO.:
DIMENSIONS: ☒ MM/INCH ☐ INCH/MM ☐ MM ONLY
SHT 1 REV .
REVISE ON CAD ONLY

TITLE: SR BTS ASSY, PC

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SD-38700-002
SHEET NO. 1 OF 1
SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.