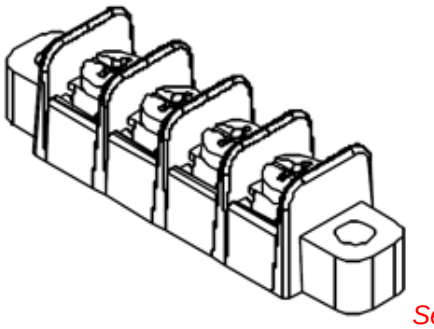
molex
one company > a world of innovation

This document was generated on 04/22/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0387006109
Status: Active
Description: 8.26mm (.325") Pitch Beau™ PCB Terminal Strip, with Mounting Ends, 9 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)	9
Circuits (maximum)	9
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	70509

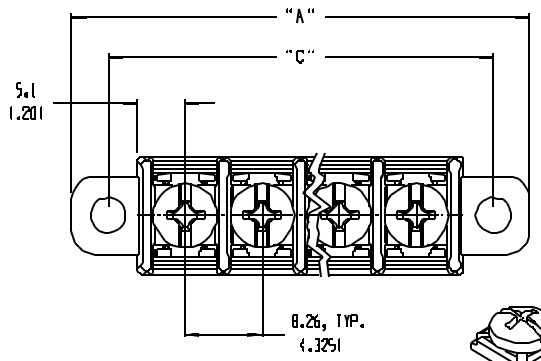
Reference - Drawing Numbers

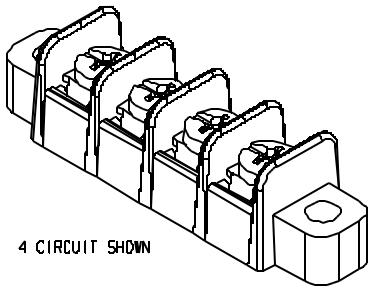
Sales Drawing	SD-38700-002

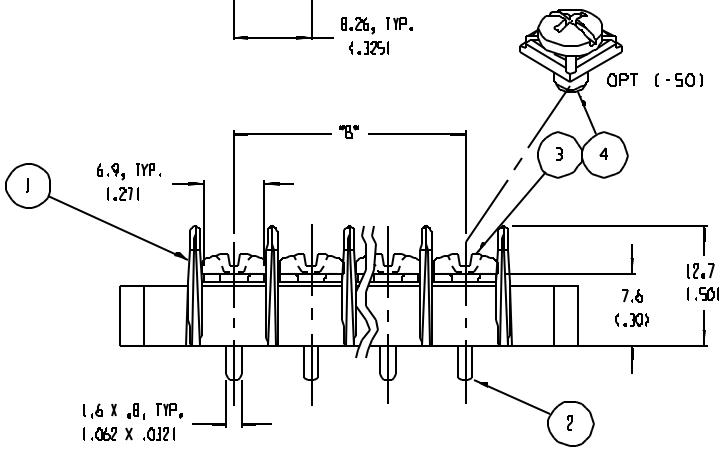
This document was generated on 04/22/2010

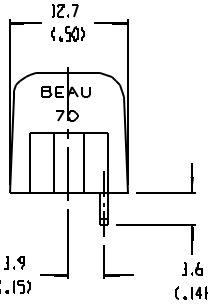
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

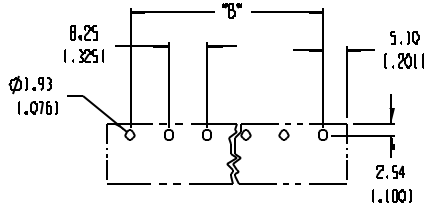
SD-38700-002




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.