

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0387007514

Status:

Active

Description:

8.26mm (.325") Pitch Beau™ PCB Terminal Strip, without Mounting Ends, 14 Circuits, with Screw Clamp Washer

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (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)

14

Circuits (maximum)

14

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

None

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

Electrical

Current - Maximum per Contact

20A

Voltage - Maximum

300V

Solder Process Data

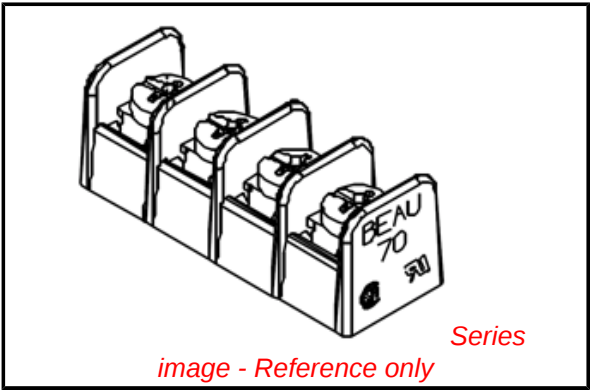
Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

70514-C-50



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



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

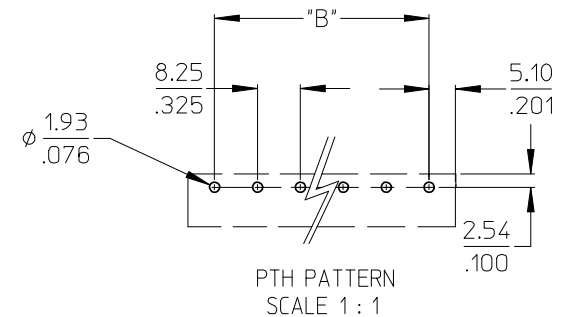
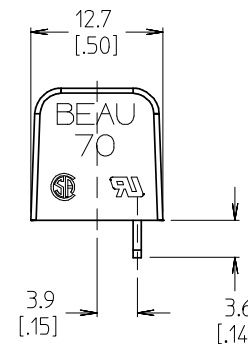
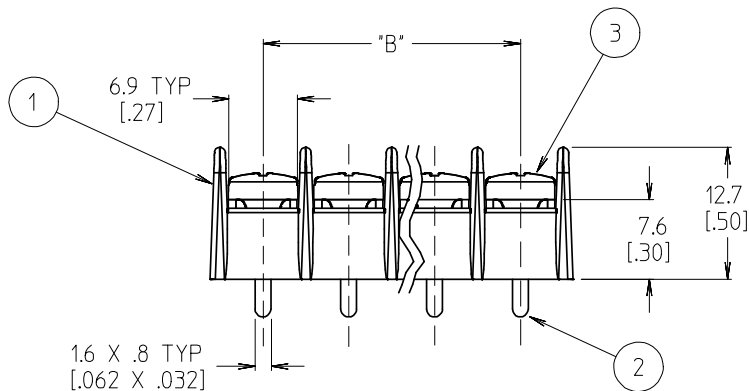
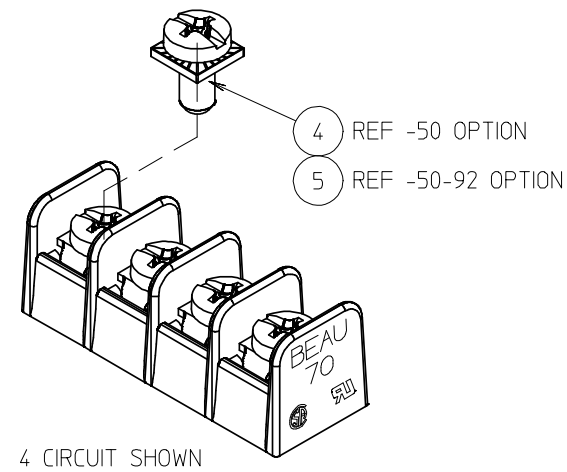
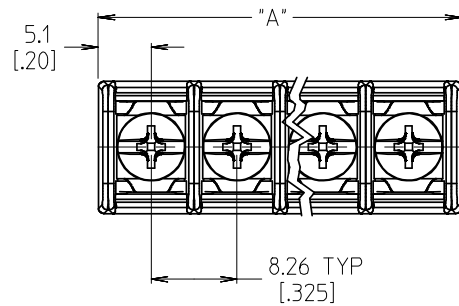
Reference - Drawing Numbers

Sales Drawing

SD-38700-001

This document was generated on 04/23/2010

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NOTES:

1. MATERIAL: SEE TABLE.
2. FINISHES: SEE TABLE.
3. PRODUCT SPECIFICATION: NOT REQUIRED.
4. INCH DIMENSIONS ARE SHOWN IN BRACKETS [XXX].
5. "XX" REFERS TO THE QUANTITY OF CIRCUITS POSITIONS.
6. MATERIAL NUMBER 387090319 IS THE SAME AS MATERIAL NUMBER 387007516, EXCEPT BY THE SPECIAL PACKING.
7. ROHS COMPLIANT

5	"XX"	SCREW, #6-32, PAN HD, PH-SL, W/SQ WSHR (-50-92)	STEEL	ZN, NOKROM COATING
4	"XX"	SCREW, #6-32, PAN HD, PH-SL, W/SQ WSHR (-50)	STEEL	ZN, CLEAR CHROMATE
3	"XX"	SCREW, #6-32, PAN HD, PH-SL (STANDARD)	STEEL	ZN, CLEAR CHROMATE
2	"XX"	TERMINAL	BRASS	TIN
1	1	BARRIER	THERMOPLASTIC	BLACK
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH

ADD 1 CIRC. OPTION	DESCRIPTION
EC NO: WNA2008-0019	2008/01/23
DRWN: JENCINAS	2008/01/24
CHKD: CYORK	2008/01/24
APPR: JACNE IL	2008/01/24
REV	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.005
2 PLACES	±0.13	±.01
1 PLACE	±0.3	±---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
R. KEMP	2003/07/16
CHECKED BY	DATE
R. STONE	2003/07/16
APPROVED BY	DATE
P. WALTZ	2003/07/17
MATERIAL NO.	
SEE CHART	
SIZE	B

SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
8.26/.325 SR BTS ASSY, PC, NO MTG ENDS		
MOLEX INCORPORATED		
DOCUMENT NO. SD-38700-001		SHEET NO. 1 OF 2
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

NUMBER OF CIRCUITS "XX"	DIM "A"	DIM "B"	STANDARD MATERIAL NO.	-50 OPTION MATERIAL NO.	-50-92 OPTION MATERIAL NO.	BARRIER MATERIAL NO.
01	10.2 [.40]	-	387006301	387007501	-	387080034
02	18.5 [.73]	8.26 [.325]	387006302	387007502	387090370	387080035
03	26.9 [1.06]	16.51 [.650]	387006303	387007503	-	387080036
04	35.1 [1.38]	24.77 [.975]	387006304	387007504	-	387080037
05	43.2 [1.70]	33.02 [1.300]	387006305	387007505	-	387080038
06	51.2 [2.03]	41.28 [1.625]	387006306	387007506	-	387080039
07	59.7 [2.35]	49.53 [1.950]	387006307	387007507	-	387080040
08	68.1 [2.68]	57.79 [2.275]	387006308	387007508	387090371	387080041
09	76.2 [3.00]	66.04 [2.600]	387006309	387007509	-	387080042
10	84.6 [3.33]	74.30 [2.925]	387006310	387007510	-	387080043
11	92.7 [3.65]	82.55 [3.250]	387006311	387007511	-	387080044
12	101.0 [3.98]	90.81 [3.575]	387006312	387007512	-	387080045
13	109.2 [4.30]	99.06 [3.900]	387006313	387007513	-	387080046
14	117.5 [4.63]	107.32 [4.225]	387006314	387007514	-	387080047
15	125.7 [4.95]	115.57 [4.550]	387006315	387007515	-	387080048
16	134.0 [5.28]	123.83 [4.875]	387006316	387007516	387090368	387080049
17	142.2 [5.60]	132.80 [5.200]	387006317	387007517	-	387080050
18	150.5 [5.93]	140.34 [5.525]	387006318	387007518	-	387080051
19	158.8 [6.25]	148.59 [5.850]	387006319	387007519	-	387080052
20	167.0 [6.58]	156.85 [6.175]	387006320	387007520	-	387080053
21	175.3 [6.90]	165.10 [6.500]	387006321	387007521	-	387080054
22	183.5 [7.23]	173.36 [6.825]	387006322	387007522	-	387080055
23	191.8 [7.55]	181.61 [7.150]	387006323	387007523	-	387080056
24	200.0 [7.88]	189.87 [7.475]	387006324	387007524	387090372	387080057
25	208.3 [8.20]	198.12 [7.800]	387006325	387007525	-	387080058
26	216.5 [8.53]	206.38 [8.125]	387006326	387007526	-	387080059
27	224.8 [8.85]	214.63 [8.450]	387006327	387007527	-	387080060
28	233.0 [9.18]	222.89 [8.775]	387006328	387007528	-	387080061
29	241.3 [9.50]	231.14 [9.100]	387006329	387007529	-	387080062
30	249.6 [9.83]	239.40 [9.425]	387006330	387007530	387090373	387080063

MAT. #387090319 IS THE SAME AS 387007516 (SEE NOTE 6, SHEET #1)

C

SEE SHEET 1 EC NO: WNA2008-0019 DRAWN: JENCINAS 2008/01/23 CHKD: CYORK 2008/01/24 APPR: MACNEIL 2008/01/24 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN DRAWN BY DATE R. KEMP 2003/07/16 CHECKED BY DATE R. STONE 2003/07/16 APPROVED BY DATE P. WALTZ 2003/07/17 MATERIAL NO. SEE CHART SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 2:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE 8.26/.325 SR BTS ASSY, PC, NO MTG ENDS MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-38700-001 SHEET NO. 2 OF 2
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