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Part Number: [0387006321](#)
Status: **Active**
Description: 8.26mm (.325") Pitch Beau™ PCB Terminal Strip, without Mounting Ends, 21 Circuits

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) 21
Circuits (maximum) 21
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 14, 16, 18, 20, 22
Wire Size mm² 0.50 - 1.50

Electrical

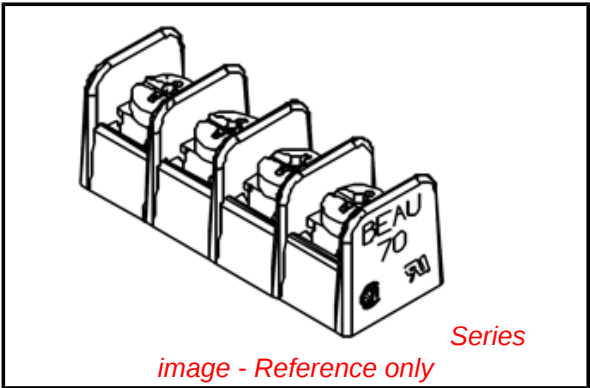
Current - Maximum per Contact 15A
Voltage - Maximum 300V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)

Material Info

Old Part Number 70521-C



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

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

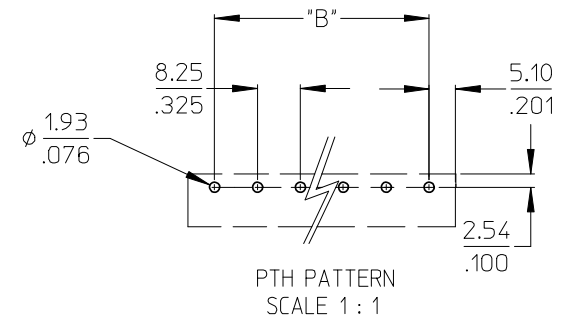
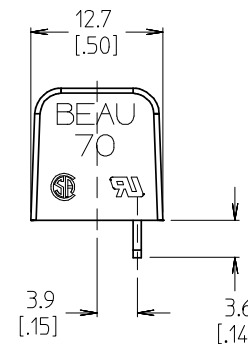
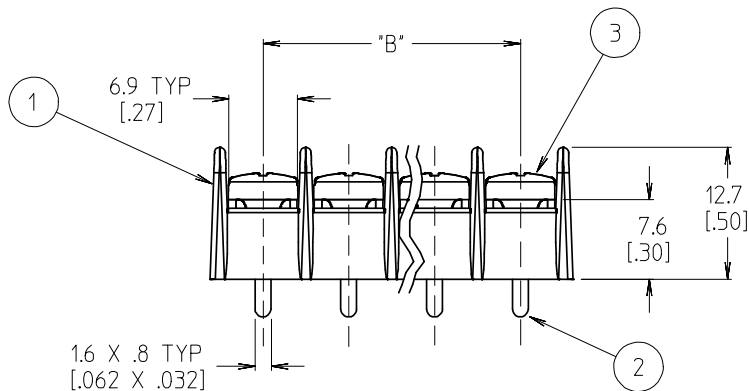
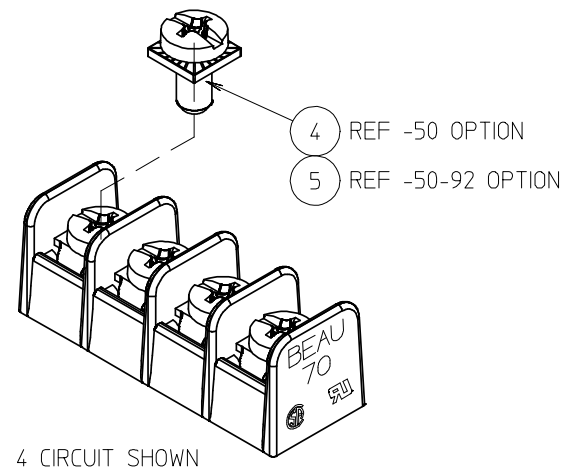
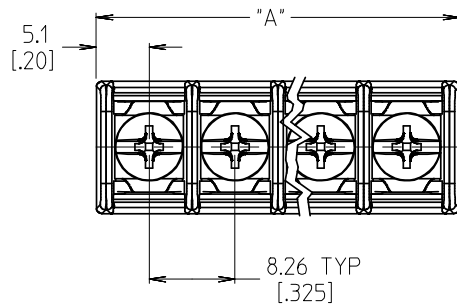
Reference - Drawing Numbers

Sales Drawing

SD-38700-001

This document was generated on 04/22/2010

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

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.		
SIZE		

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	INCH	
TITLE		
8.26/.325 SR BTS ASSY, PC, NO MTG ENDS		
MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-38700-001		1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND 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.
(C)	01	10.2 [40]	-	387006301	387007501	-	387080034
	02	18.5 [73]	8.26 [325]	387006302	387007502	387090370	387080035
	03	26.9 [106]	16.51 [650]	387006303	387007503	-	387080036
	04	35.1 [138]	24.77 [975]	387006304	387007504	-	387080037
	05	43.2 [170]	33.02 [1300]	387006305	387007505	-	387080038
	06	51.2 [203]	41.28 [1625]	387006306	387007506	-	387080039
	07	59.7 [235]	49.53 [1950]	387006307	387007507	-	387080040
	08	68.1 [268]	57.79 [2275]	387006308	387007508	387090371	387080041
	09	76.2 [300]	66.04 [2600]	387006309	387007509	-	387080042
	10	84.6 [333]	74.30 [2925]	387006310	387007510	-	387080043
	11	92.7 [365]	82.55 [3250]	387006311	387007511	-	387080044
	12	101.0 [398]	90.81 [3575]	387006312	387007512	-	387080045
	13	109.2 [430]	99.06 [3900]	387006313	387007513	-	387080046
	14	117.5 [463]	107.32 [4225]	387006314	387007514	-	387080047
	15	125.7 [495]	115.57 [4550]	387006315	387007515	-	387080048
	16	134.0 [528]	123.83 [4875]	387006316	387007516	387090368	387080049
	17	142.2 [560]	132.80 [5200]	387006317	387007517	-	387080050
	18	150.5 [593]	140.34 [5525]	387006318	387007518	-	387080051
	19	158.8 [625]	148.59 [5850]	387006319	387007519	-	387080052
	20	167.0 [658]	156.85 [6175]	387006320	387007520	-	387080053
	21	175.3 [690]	165.10 [6500]	387006321	387007521	-	387080054
	22	183.5 [723]	173.36 [6825]	387006322	387007522	-	387080055
	23	191.8 [755]	181.61 [7150]	387006323	387007523	-	387080056
	24	200.0 [788]	189.87 [7475]	387006324	387007524	387090372	387080057
	25	208.3 [820]	198.12 [7800]	387006325	387007525	-	387080058
	26	216.5 [853]	206.38 [8125]	387006326	387007526	-	387080059
	27	224.8 [885]	214.63 [8450]	387006327	387007527	-	387080060
	28	233.0 [918]	222.89 [8775]	387006328	387007528	-	387080061
	29	241.3 [950]	231.14 [9100]	387006329	387007529	-	387080062
	30	249.6 [983]	239.40 [9425]	387006330	387007530	387090373	387080063

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

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