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Part Number:

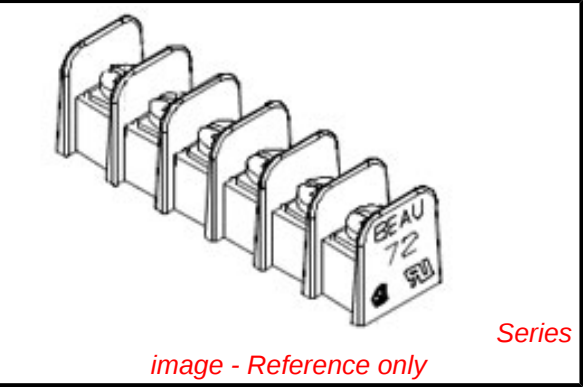
0387207519

Status:

Active

Description:

9.53mm (.375") Pitch Beau™ PCB Terminal Strip, without Mounting Ends, 19 Circuits, with Screw Clamp Washer



Documents:	
3D Model	Product Specification PS-38710-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Terminal Blocks
Series	38720
Application	Wire-to-Board
Component Type	One Piece
Product Name	Fixed Mount Barrier
Type	Barrier Strip
Physical	
Circuits (Loaded)	19
Circuits (maximum)	19
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)	0.190 In
PC Tail Length (mm)	4.80 mm
PCB Retention	None
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (mm)	3.18 mm
Panel Mount	No
Pitch - Mating Interface (in)	0.375 In
Pitch - Mating Interface (mm)	9.53 mm
Pitch - Term. Interface (in)	0.375 In
Pitch - Term. Interface (mm)	9.53 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	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +130°C
Wire Size AWG	12, 14, 16, 18, 20, 22
Wire Size mm²	0.50 - 2.50
Electrical	
Current - Maximum per Contact	25A
Voltage - Maximum	300V
Solder Process Data	

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

38720Series

Mates With

N/A

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

72519-C-50

Reference - Drawing Numbers

Product Specification

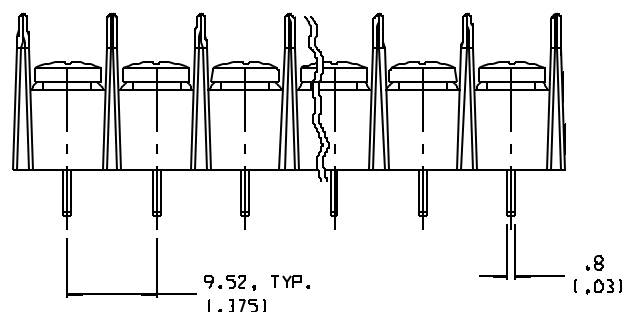
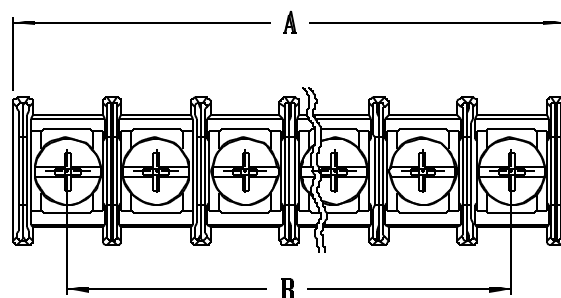
PS-38710-001

Sales Drawing

SD-38720-002

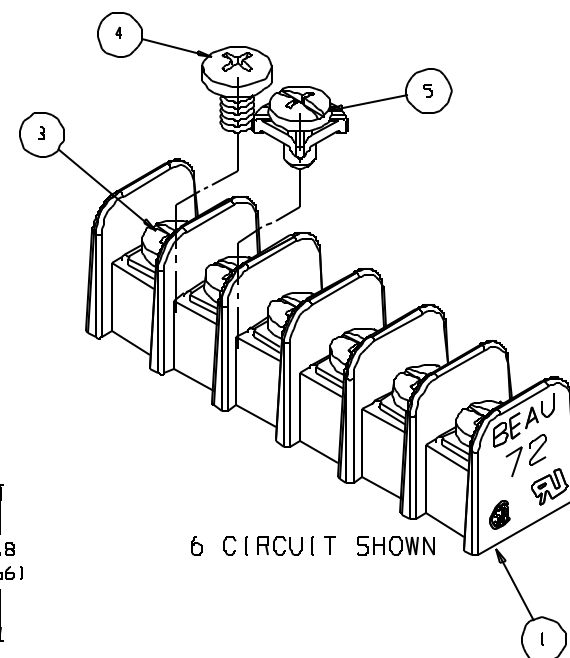
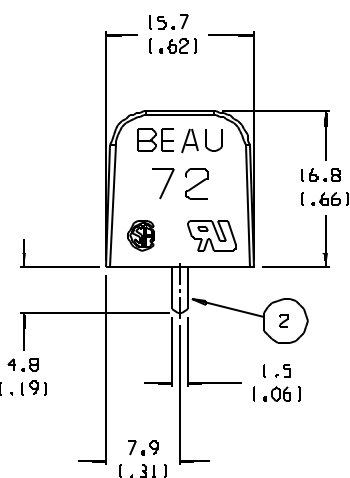
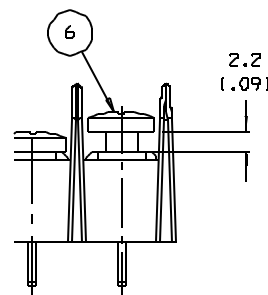
This document was generated on 04/23/2010

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NOTES:

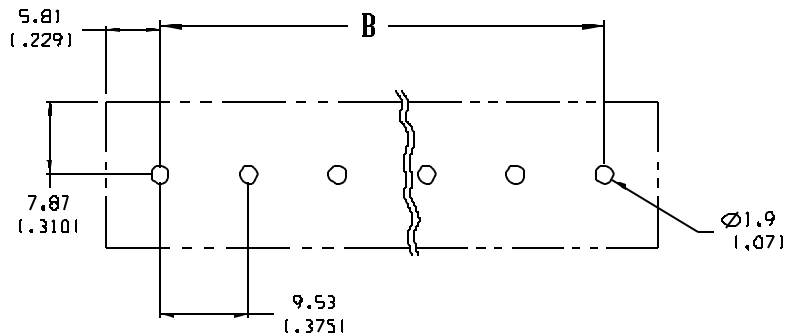
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: UL & CSA CLASS B & C
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. "XX" REFERS TO QTY. OF CIRCUITS
7. INCH DIMS SHOWN IN PARENTHESES (XXI)



6	XX	#6-32 BHD, PHIL.-SLOTTED SCREW WRD	STEEL	ZINC CLEAR CHROMATE
5	XX	#6-32 PHIL.-SLOTTED SCREW W/WASHER	STEEL	ZINC CLEAR CHROMATE
4	XX	#6-32 BHD PHIL.-SLOTTED SCREW	BRASS	NICKEL PLATED
3	XX	#6-32 SCREW PHIL.-SLOTTED	STEEL	ZINC CLEAR CHROMATE
2	XX	TERMINAL	BRASS	TIN PLATED
1	1	BARRIER	THERMOPLASTIC	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

EC NO. RELEASED WH 11/11/03 DRN: CHYK: APPR: A	QUALITY SYMBOLS MAJOR CRITICAL SPC S	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS mm ☐ inch ☒	THIRD ANGLE PROJECTION ☒ mm ☐ inch ☐ only		PROJECT NO.	SHT	REV	
		1 PLACES	±.0015	DRAWN BY & DATE W. HOWARD 11/11/03		TITLE: SR, BTS, NO MTG, PC ASSY MOLEX INCORPORATED			MATERIAL NO. SEE TABLE	DRAWING NO. SD-38720-002	SHEET NO. 1 OF 2
		3 PLACES	±.005	CHECKED BY & DATE							
		2 PLACES	±.01	APPROVED BY & DATE		CAD FILENAME 725XX-C			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		
ANGLE: ±2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SIZE B	

MATERIAL NO. 10PT -C,-471	MATERIAL NO. (OPT -C,-50)	MATERIAL NO. (OPT -C,-49)	MATERIAL NO. 10PT -C1	NUMBER OF CIRCUITS "XX"	DIM. "A"	DIM. "B"
18720-8102	18720-7502	18720-6902	18720-6302	02	21.1 (1.83)	9.51 (1.375)
18720-8103	18720-7503	18720-6903	18720-6303	03	30.7 (1.21)	19.05 (1.750)
18720-8104	18720-7504	18720-6904	18720-6304	04	40.1 (1.58)	28.58 (1.125)
18720-8105	18720-7505		18720-6305	05	49.8 (1.96)	38.10 (1.500)
18720-8106	18720-7506	18720-6906	18720-6306	06	59.2 (2.33)	47.63 (1.875)
	18720-7507	18720-6907	18720-6307	07	68.8 (2.71)	57.15 (2.250)
18720-8108	18720-7508	18720-6908	18720-6308	08	78.3 (3.08)	66.68 (2.625)
18720-8109	18720-7509	18720-6909	18720-6309	09	87.8 (3.46)	76.20 (3.000)
18720-8110	18720-7510	18720-6910	18720-6310	10	97.3 (3.83)	85.73 (3.375)
	18720-7511	18720-6911	18720-6311	11	106.9 (4.21)	95.25 (3.750)
18720-8112	18720-7512	18720-6912	18720-6312	12	116.3 (4.58)	104.78 (4.125)
	18720-7513	18720-6913	18720-6313	13	126.0 (4.96)	114.30 (4.500)
18720-8114	18720-7514	18720-6914	18720-6314	14	135.3 (5.33)	123.83 (4.875)
	18720-7515	18720-6915	18720-6315	15	145.0 (5.71)	133.35 (5.250)
18720-8116	18720-7516	18720-6916	18720-6316	16	154.4 (6.08)	142.88 (5.625)
	18720-7517	18720-6917	18720-6317	17	164.1 (6.46)	152.40 (6.000)
	18720-7518	18720-6918	18720-6318	18	173.5 (6.83)	161.93 (6.375)
	18720-7519		18720-6319	19	183.1 (7.21)	171.45 (6.750)
	18720-7520	18720-6920	18720-6320	20	192.5 (7.58)	180.98 (7.125)
	18720-7521		18720-6321	21	202.2 (7.96)	190.50 (7.500)
	18720-7522	18720-6922	18720-6322	22	211.6 (8.33)	200.03 (7.875)
	18720-7523		18720-6323	23	221.2 (8.71)	209.55 (8.250)
	18720-7524		18720-6324	24	230.6 (9.08)	219.08 (8.625)
	18720-7525		18720-6325	25	240.3 (9.46)	228.60 (9.000)
	18720-7526		18720-6326	26	249.6 (9.83)	238.13 (9.375)



PTH PATTERN

EC NO. A DRAWN: CHK'd: APPR.: 		SEE SH1) 	REVISIONS REV 	QUALITY SYMBOLS MAJOR CRITICAL SPC 	GENERAL TOLERANCES UNLESS SPECIFIED <table border="1"> <thead> <tr> <th></th> <th>MIL</th> <th>(INCH)</th> </tr> </thead> <tbody> <tr> <td>1 PLACES</td> <td>$\pm .005$</td> <td>$\pm .0015$</td> </tr> <tr> <td>3 PLACES</td> <td>$\pm .038$</td> <td>$\pm .005$</td> </tr> <tr> <td>2 PLACES</td> <td>$\pm .13$</td> <td>$\pm .01$</td> </tr> <tr> <td>1 PLACE</td> <td>$\pm .1$</td> <td></td> </tr> </tbody> </table> ANGULAR: $\pm 2^\circ$ DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MIL	(INCH)	1 PLACES	$\pm .005$	$\pm .0015$	3 PLACES	$\pm .038$	$\pm .005$	2 PLACES	$\pm .13$	$\pm .01$	1 PLACE	$\pm .1$		SCALE 2:1 DESIG (UNITS) ☐ MM ☒ INCH THIRD ANGLE PROJECTION DRAWN BY & DATE W. HOWARD 11/11/03 CHECKED BY & DATE APPROVED BY & DATE CAD FILE NAME 725XX-C	PROJECT NO. - DIMENSIONS: ☒ mm (INCH) ☐ (INCH) mm ☐ ONLY TITLE: SR, BTS, NO MTG, PC ASSY MOLEX INCORPORATED MATERIAL NO. SEE TABLE DRAWING NO. SD-38720-002 SHEET NO. 2 OF 2	SHIT REV REVISE ON CAD ONLY	B SIZE
	MIL	(INCH)																						
1 PLACES	$\pm .005$	$\pm .0015$																						
3 PLACES	$\pm .038$	$\pm .005$																						
2 PLACES	$\pm .13$	$\pm .01$																						
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