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Part Number:

0387207502

Status:

Active

Description:

9.53mm (.375") Pitch Beau™ PCB Terminal Strip, without Mounting Ends, 2 Circuits, with Screw Clamp Washer

Documents:

3D Model

Drawing (PDF)

Product Specification PS-38710-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Component Type

Product Name

Type

Terminal Blocks

38720

Wire-to-Board

One Piece

Fixed Mount Barrier

Barrier Strip

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Entry Angle

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Wire Size AWG

Wire Size mm²

2

2

Black

Horizontal

None

Brass

Tin

Tin

Polyester

1

Horizontal

0.190 In

4.80 mm

None

0.125 In

3.18 mm

No

0.375 In

9.53 mm

0.375 In

9.53 mm

150

3.75

150

3.75

No

Dual-Barrier

No

No

-40°C to +130°C

12, 14, 16, 18, 20, 22

0.50 - 2.50

Electrical

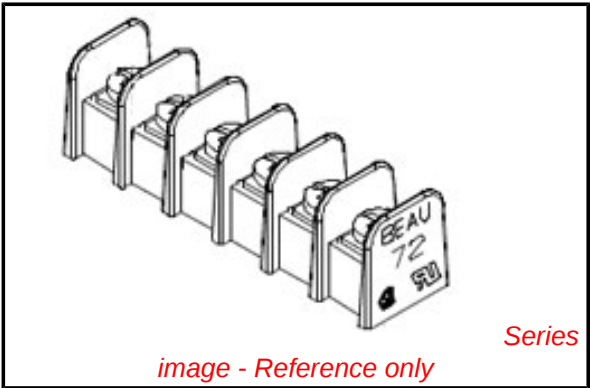
Current - Maximum per Contact

Voltage - Maximum

25A

300V

Solder Process Data



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

38720Series

Mates With

N/A

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

72502-C-50

Reference - Drawing Numbers

Product Specification

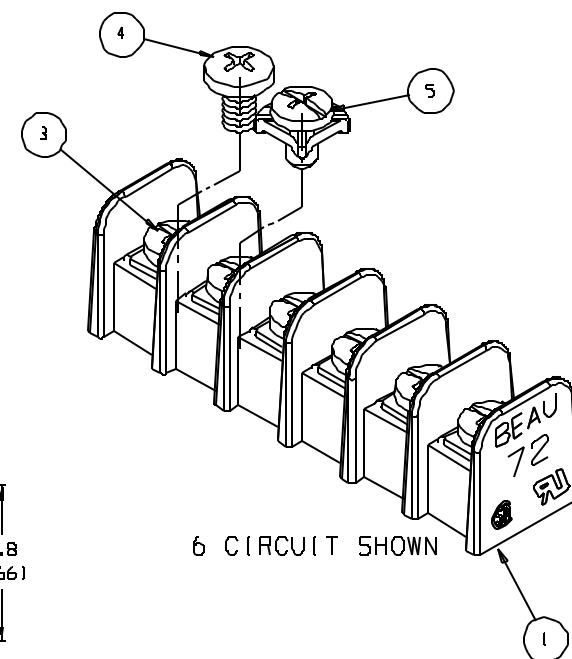
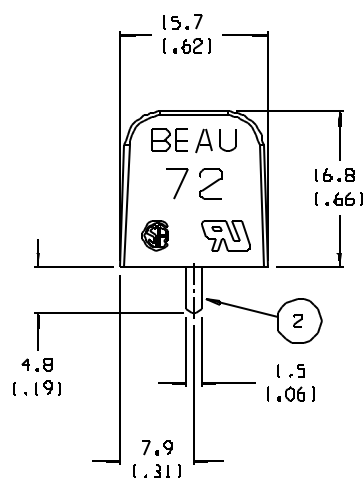
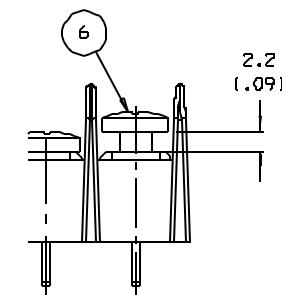
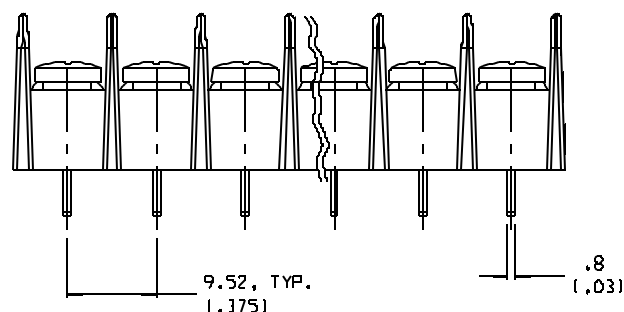
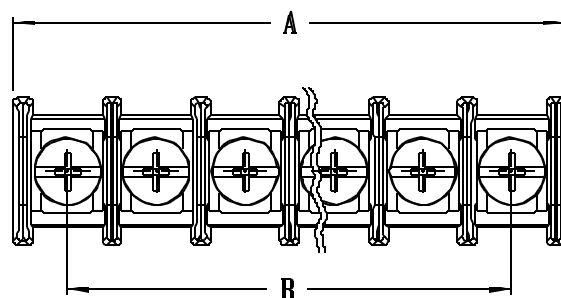
PS-38710-001

Sales Drawing

SD-38720-002

This document was generated on 04/22/2010

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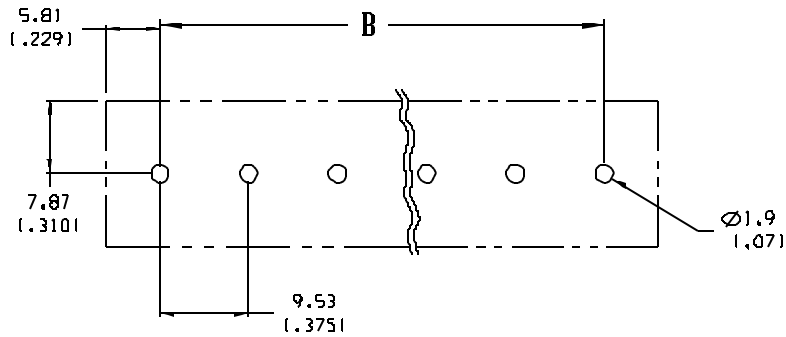
NOTES:

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) 1 PLACES ±.0015 2 PLACES ±.005 3 PLACES ±.01 4 PLACES ±.03 ANGULAR: ±2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE 2:1 DESIGN UNITS ☐ mm ☒ INCH	THIRD ANGLE PROJECTION ☒ THIRD ANGLE PROJECTION	PROJECT NO. - DIMENSIONS: ☒ INCH ☐ INCH ☐ INCH ONLY SHEET REV REVISE ON CAD ONLY
		DRAWN BY & DATE W. HOWARD 11/11/03 CHECKED BY & DATE APPROVED BY & DATE		TITLE: SR, BTS, NO MTG, PC ASSY		
		CAD FILENAME 725XX-C		MATERIAL NO. SEE TABLE DRAWING NO. SD-38720-002 SHEET NO. 1 OF 2		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B

MATERIAL NO. (OPT -C, -47)	MATERIAL NO. (OPT -C, -50)	MATERIAL NO. (OPT -C, -49)	MATERIAL NO. (OPT -C)	NUMBER OF CIRCUITS "XX"	DIM. "A"	DIM. "B"
38720-8102	38720-7502	38720-6902	38720-6302	02	21.1 (1.83)	9.53 (1.375)
38720-8103	38720-7503	38720-6903	38720-6303	03	30.7 (1.21)	19.05 (1.750)
38720-8104	38720-7504	38720-6904	38720-6304	04	40.1 (1.58)	28.58 (1.125)
38720-8105	38720-7505		38720-6305	05	49.8 (1.96)	38.10 (1.500)
38720-8106	38720-7506	38720-6906	38720-6306	06	59.2 (2.33)	47.63 (1.875)
	38720-7507	38720-6907	38720-6307	07	68.8 (2.71)	57.15 (2.250)
38720-8108	38720-7508	38720-6908	38720-6308	08	78.3 (3.08)	66.68 (2.625)
38720-8109	38720-7509	38720-6909	38720-6309	09	87.8 (3.46)	76.20 (3.000)
38720-8110	38720-7510	38720-6910	38720-6310	10	97.3 (3.83)	85.73 (3.375)
	38720-7511	38720-6911	38720-6311	11	106.9 (4.21)	95.25 (3.750)
38720-8112	38720-7512	38720-6912	38720-6312	12	116.3 (4.58)	104.78 (4.125)
	38720-7513	38720-6913	38720-6313	13	126.0 (4.96)	114.30 (4.500)
38720-8114	38720-7514	38720-6914	38720-6314	14	135.3 (5.33)	123.83 (4.875)
	38720-7515	38720-6915	38720-6315	15	145.0 (5.71)	133.35 (5.250)
38720-8116	38720-7516	38720-6916	38720-6316	16	154.4 (6.08)	142.88 (5.625)
	38720-7517	38720-6917	38720-6317	17	164.1 (6.46)	152.40 (6.000)
	38720-7518	38720-6918	38720-6318	18	173.5 (6.83)	161.93 (6.375)
	38720-7519		38720-6319	19	183.1 (7.21)	171.45 (6.750)
	38720-7520	38720-6920	38720-6320	20	192.5 (7.58)	180.98 (7.125)
	38720-7521		38720-6321	21	202.2 (7.96)	190.50 (7.500)
	38720-7522	38720-6922	38720-6322	22	211.6 (8.33)	200.03 (7.875)
	38720-7523		38720-6323	23	221.2 (8.71)	209.55 (8.250)
	38720-7524		38720-6324	24	230.6 (9.08)	219.08 (8.625)
	38720-7525		38720-6325	25	240.3 (9.46)	228.60 (9.000)
	38720-7526		38720-6326	26	249.6 (9.83)	238.13 (9.375)



PTH PATTERN

EC NO. SEE SH1		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1		DESIGN UNITS		THIRD ANGLE PROJECTION		PROJECT NO. -		-		-	
DRAWN: CHK: APPR:		MAJOR		MIN		INCH		MM		INCH		DIMENSIONS:		SH1		REV	
		CRITICAL		1 PLACES		±.0015		DRAWN BY & DATE		TITLE:		SR, BTS, NO MTG, PC ASSY					
		C		3 PLACES		±.038		CHECKED BY & DATE		MOLEX INCORPORATED							
		S		2 PLACES		±.13		APPROVED BY & DATE		MATERIAL NO.		SD-38720-002		SHEET NO.		2 OF 2	
		5		1 PLACE		±.3		CAP FILENAME		SEE TABLE							
A		REV		ANGULAR: ±2°		725XX-C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								SIZE B	