

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0387207409

Status:

Active

Description:

9.53mm (.375") Pitch Beau™ PCB Terminal Strip, with Mounting Ends, 9 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

9

9

Black

Horizontal

None

Brass

Tin

Tin

Polyester

1

Horizontal

0.190 In

4.80 mm

Yes

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

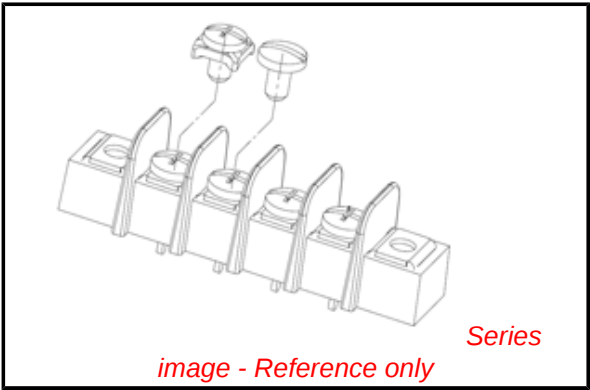
Current - Maximum per Contact

Voltage - Maximum

25A

300V

Solder Process Data



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

72509-50

Reference - Drawing Numbers

Product Specification

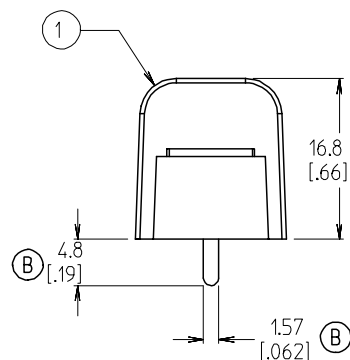
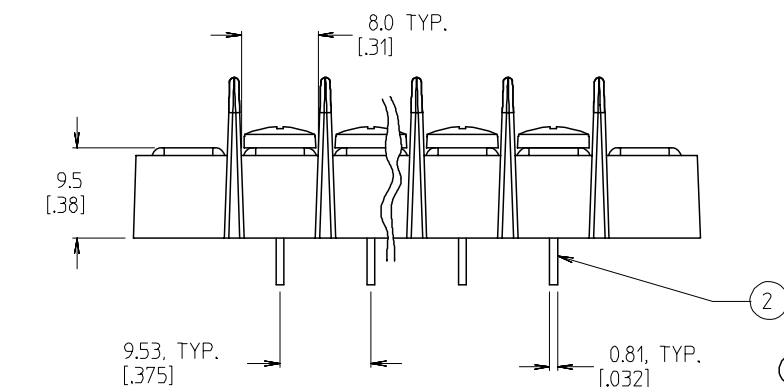
PS-38710-001

Sales Drawing

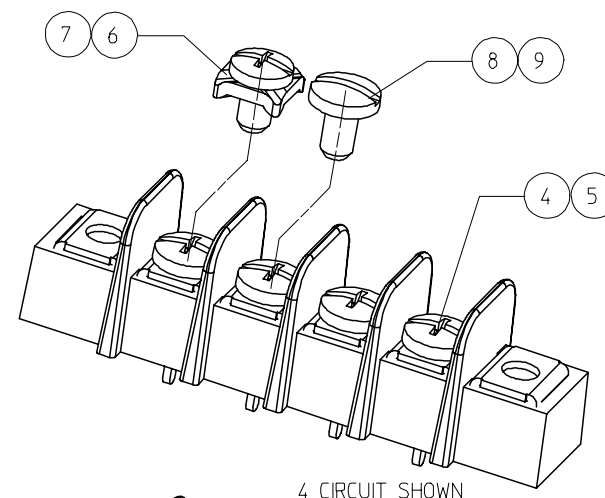
SD-38720-001

This document was generated on 04/23/2010

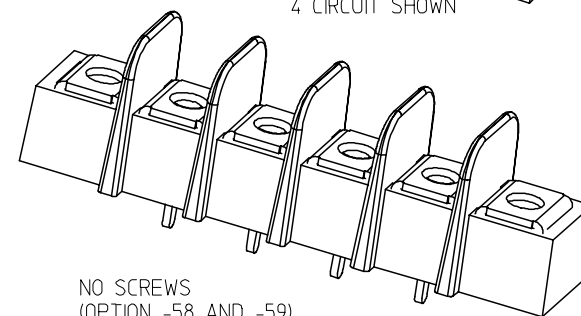
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ⓑ NOTES:



4 CIRCUIT SHOWN



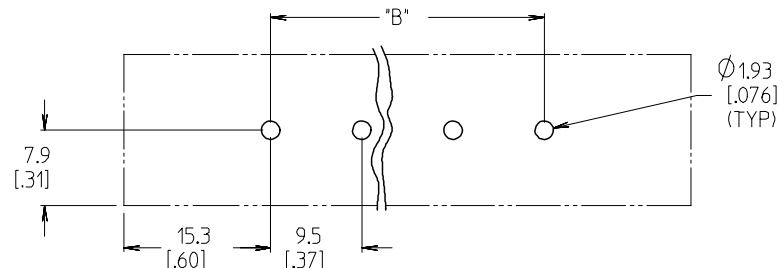
NO SCREWS
(OPTION -58 AND -59)
4 CIRCUIT SHOWN

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. INCH DIMENSIONS ARE IN BRACKETS [XXX].
4. REFER TO SD-38120-001 FOR IMPRINTING OPTIONS 10A AND 11A.
5. REFER TO SD-38120-007 FOR IMPRINTING OPTION 12A.
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
7. ALL COMPONENTS ARE ROHS COMPLIANT. (B)

ADD MAT. NO. EC NO: ETC2007-0166 DRAWN: CLYORK 2006/10/19 CHK'D: JMACNEIL 2006/10/20 APPR: JMACNEIL 2006/10/20	DESCRIPTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY DATE W. HOWARD 2003/10/16		TITLE 9.53MM [.375] SR BTS, PC ASSY		
				4 PLACES ± --- ± ---	± ---	CHECKED BY DATE R. KEMP 2003/10/16				
				3 PLACES ± --- ± .005		APPROVED BY DATE P. WALTZ 2003/10/16		 MOLEX INCORPORATED		
				2 PLACES ± 0.13 ± .01		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 2
				1 PLACE ± 0.3 ± ---		SEE SHT. 2		SD-38720-001		
				ANGULAR ± 2 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	10	9	8	7	6	5	4	3	2	1		
	MATERIAL NO. (OPT 12A)	MATERIAL NO. (OPT 11A)	MATERIAL NO. (OPT 10A)	MATERIAL NO. (OPT -59)	MATERIAL NO. (OPT -58)	MATERIAL NO. (OPT -56)	MATERIAL NO. (OPT -50)	MATERIAL NO. (OPT -49,-50)	MATERIAL NO. (OPT -49)	MATERIAL NO. (OPT -47,-50)	MATERIAL NO. (STD)	NUMBER OF CIRCUITS 'XX'
F			38729-1039		38729-0750	38729-0659	B 38720-7402	38729-1381	38720-6802		B 38720-6201	01
						38729-0791	38720-7402				38720-6202	02
	38729-0872	38729-0025	38729-0014			38729-0117	38720-7403		38720-6803	38720-8603	38720-6203	03
			38729-0940	38729-0945		38729-0839	38720-7404	38729-1159	38720-6804		38720-6204	04
	38729-0256		38729-0346			38729-1253	38720-7405	38729-1382	38720-6805		38720-6205	05
				38729-0400	38729-0386	38729-0980	38720-7406	38729-1383	38720-6806		38720-6206	06
				38729-0423	38729-0407	38729-0435	38720-7407		38720-6807		38720-6207	07
	38729-0497				38729-0508	38729-0532	38720-7408		38720-6808		38720-6208	08
			38729-0548		38729-0560		38720-7409		38720-6809		38720-6209	09
			38729-1011	38729-0598	38729-0598		38720-7410		38720-6810		38720-6210	10
E						38729-1252	38720-7411				38720-6211	11
			38729-0720			38729-0735	38720-7412		38720-6812		38720-6212	12
					38729-0809		38720-7413				38720-6213	13
					38729-0004		38720-7414		38720-6814		38720-6214	14
											38720-6215	15
											38720-6216	16
											38720-6217	17
											38720-6218	18
											38720-6219	19
											38720-6220	20
D											38720-6221	21
											38720-6222	22
											38720-6223	23
											38720-6224	24
											38720-6225	25
											38720-6226	26

NUMBER OF CIRCUITS 'XX'	DIM. 'A'		DIM. 'B'		DIM. 'C'		DIM. 'D'		
01	30.7	[.121]	-	-	19.1	[.75]	11.6	[.46]	B
02	40.1	[.158]	9.53	[.375]	28.6	[.113]	21.1	[.83]	
03	49.7	[.196]	19.05	[.750]	38.1	[.150]	30.6	[.121]	
04	59.2	[.233]	28.58	[.1125]	47.6	[.188]	40.1	[.158]	
05	68.7	[.271]	38.10	[.1500]	57.2	[.225]	49.7	[.196]	
06	78.2	[.308]	47.63	[.1875]	66.7	[.263]	59.2	[.233]	
07	87.8	[.346]	57.15	[.2250]	76.2	[.300]	68.7	[.271]	
08	97.3	[.383]	66.68	[.2625]	85.7	[.338]	78.2	[.308]	
09	106.8	[.421]	76.20	[.3000]	95.3	[.375]	87.8	[.346]	
10	116.3	[.458]	85.73	[.3375]	104.8	[.413]	97.3	[.383]	
11	125.9	[.496]	95.25	[.3750]	114.3	[.450]	106.8	[.421]	
12	135.4	[.533]	104.78	[.4125]	123.8	[.488]	116.3	[.458]	
13	144.9	[.571]	114.30	[.4500]	133.4	[.525]	125.9	[.496]	
14	154.4	[.608]	123.83	[.4875]	142.9	[.563]	135.4	[.533]	
15	164.0	[.646]	133.35	[.5250]	152.4	[.600]	144.9	[.571]	
16	173.5	[.683]	142.88	[.5625]	161.9	[.638]	154.4	[.608]	
17	183.0	[.721]	152.40	[.6000]	171.5	[.675]	164.0	[.646]	
18	192.5	[.758]	161.93	[.6375]	181.0	[.713]	173.5	[.721]	
19	202.1	[.796]	171.45	[.6750]	190.5	[.750]	192.5	[.758]	
20	211.6	[.833]	180.98	[.7125]	200.0	[.788]	202.1	[.796]	
21	221.1	[.871]	190.50	[.7500]	209.6	[.825]	211.6	[.833]	
22	230.6	[.908]	200.03	[.7875]	219.1	[.863]	221.1	[.871]	
23	240.2	[.946]	209.55	[.8250]	228.6	[.900]	230.6	[.908]	
24	249.7	[.983]	219.08	[.8625]	238.1	[.938]	230.6	[.908]	
25	259.2	[10.21]	228.60	[9.000]	247.7	[9.75]	240.2	[9.46]	
26	268.7	[10.58]	238.13	[9.375]	257.2	[10.13]	249.7	[9.83]	



PTH PATTERN

SEE SHEET 1 EC NO: ETC2007-0166 DRWN: CLYORK 2006/10/19 CHKD: JMACNEIL 2006/10/20 APPR: JMACNEIL 2006/10/20	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
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			1 PLACE ± 0.3	± ---						
			ANGULAR ± 2 °		MATERIAL NO.	DOCUMENT NO. SD-38720-001	SHEET NO. 2 OF 2			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					
					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				