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Part Number:

0387207412

Status:

Active

Description:

9.53mm (.375") Pitch Beau™ PCB Terminal Strip, with Mounting Ends, 12 Circuits, with Screw Clamp Washer

Documents:

3D Model

Drawing (PDF)

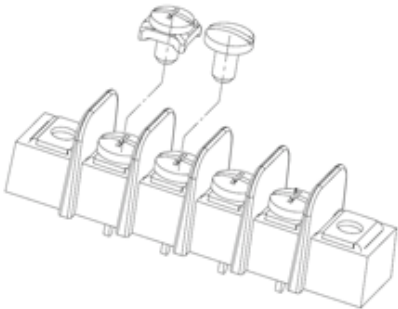
Product Specification PS-38710-001 (PDF)

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)	12
Circuits (maximum)	12
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	Yes
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

Material Info



Series
image - Reference only

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

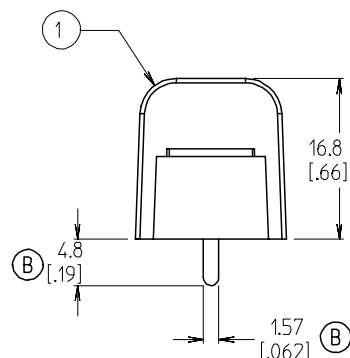
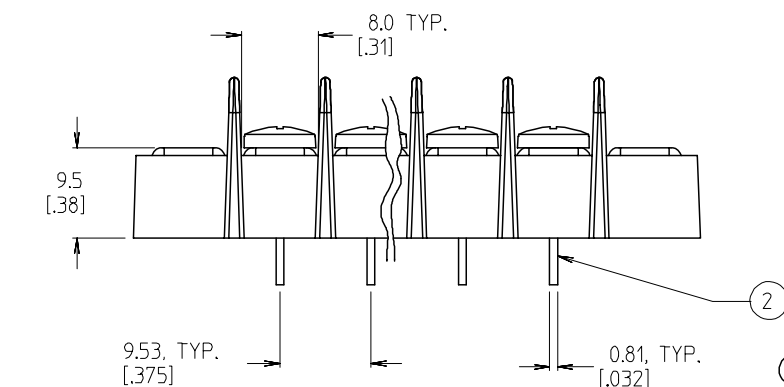
Mates With

N/A

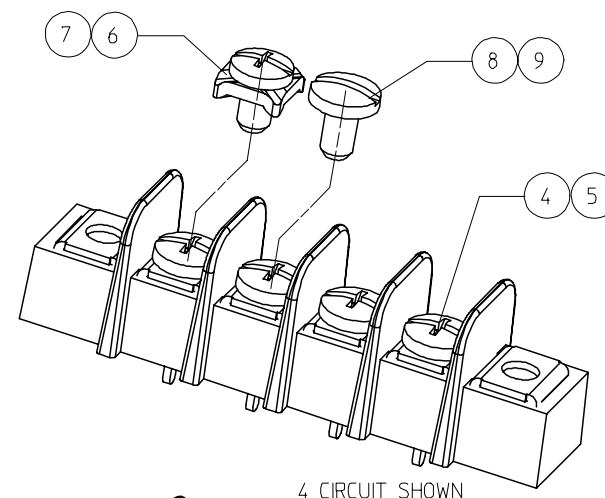
Old Part Number	72512-50
Reference - Drawing Numbers	
Product Specification	PS-38710-001
Sales Drawing	SD-38720-001

This document was generated on 04/23/2010

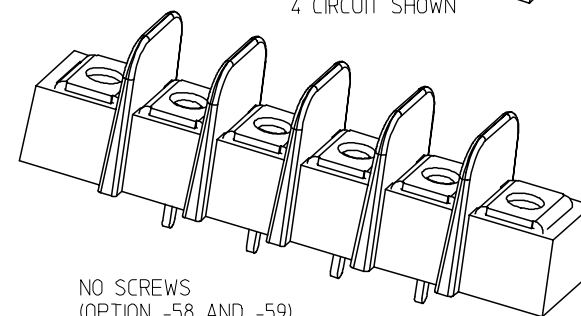
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ⓑ NOTES:



4 CIRCUIT SHOWN



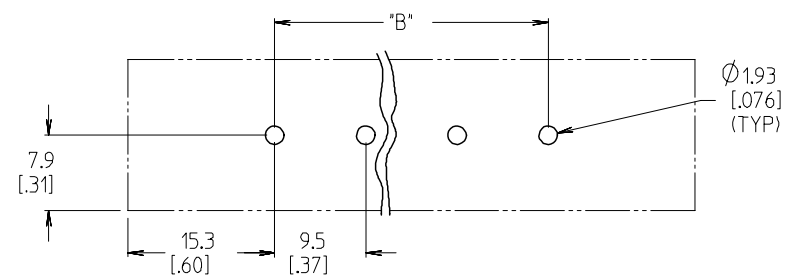
NO SCREWS
(OPTION -58 AND -59)
4 CIRCUIT SHOWN

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 B	REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					DRAWN BY W. HOWARD	DATE 2003/10/16	TITLE 9.53MM [.375] SR BTS, PC ASSY		
					CHECKED BY R. KEMP	DATE 2003/10/16			
					APPROVED BY P. WALTZ	DATE 2003/10/16	MOLEX MOLEX INCORPORATED		
					MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 2		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	SEE SHT. 2 SD-38720-001 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	B	38720-6201	01	
						38729-0791	38720-7402		38720-6802		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	38729-0440	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 B	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 W. HOWARD	DATE 2003/10/16	TITLE 9.53MM [.375] SR BTS, PC ASSY					
		4 PLACES ± ---	± ---	CHECKED BY R. KEMP	DATE 2003/10/16	MOLEX INCORPORATED					
		3 PLACES ± ---	± .005	APPROVED BY P. WALTZ	DATE 2003/10/16	SD-38720-001					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 2			
SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									