

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0387206223

Status:

Active

Description:

9.53mm (.375") Pitch Beau™ PCB Terminal Strip, with Mounting Ends, 23 Circuits

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

23

23

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

14, 16, 18, 20, 22

0.50 - 1.50

Electrical

Current - Maximum per Contact

Voltage - Maximum

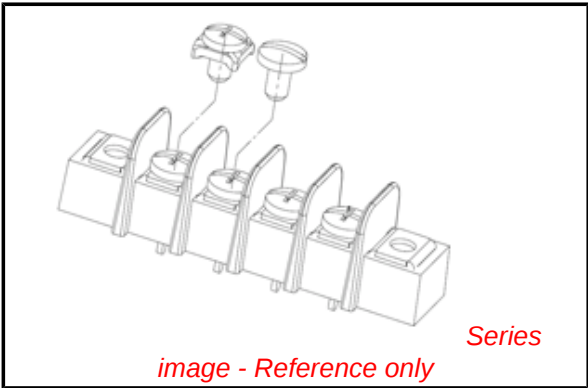
15A

300V

Material Info

Old Part Number

72523



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

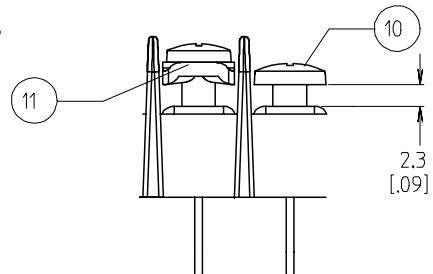
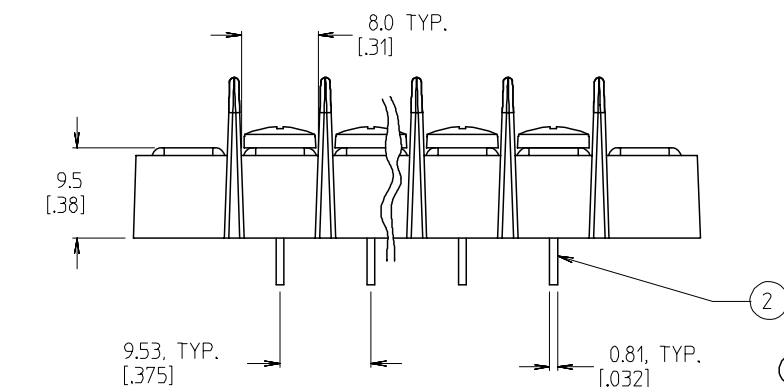
Reference - Drawing Numbers

Product Specification
Sales Drawing

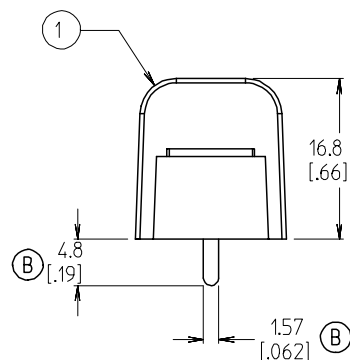
PS-38710-001
SD-38720-001

This document was generated on 04/23/2010

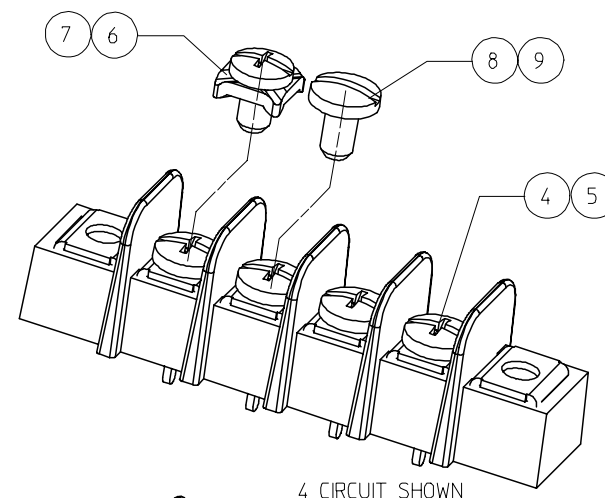
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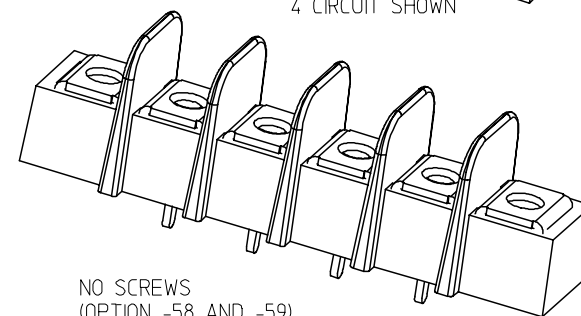
WIRE READY SPEC. (OPTION -47)
(FOR OPTIONAL SCREW -50
AND STANDARD SCREW.)



ⓑ NOTES:



4 CIRCUIT SHOWN



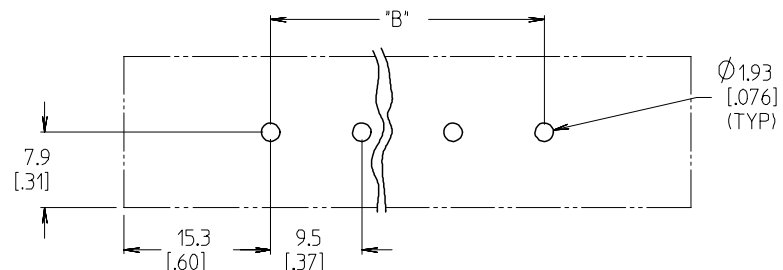
NO SCREWS
(OPTION -58 AND -59)
4 CIRCUIT SHOWN

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	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				
			3 PLACES ± ---	± .005	APPROVED BY P. WALTZ	DATE 2003/10/16	molex 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				
	REV		ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		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	38720-7402	38729-1381	38720-6802		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
				38729-0407	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'	
C	01	30.7 [1.21]	-	19.1 [0.75]	11.6 [0.46]	B
	02	40.1 [1.58]	9.53 [0.375]	28.6 [1.13]	21.1 [0.83]	
	03	49.7 [1.96]	19.05 [0.750]	38.1 [1.50]	30.6 [1.21]	
	04	59.2 [2.33]	28.58 [1.125]	47.6 [1.88]	40.1 [1.58]	
	05	68.7 [2.71]	38.10 [1.500]	57.2 [2.25]	49.7 [1.96]	
	06	78.2 [3.08]	47.63 [1.875]	66.7 [2.63]	59.2 [2.33]	
	07	87.8 [3.46]	57.15 [2.250]	76.2 [3.00]	68.7 [2.71]	
	08	97.3 [3.83]	66.68 [2.625]	85.7 [3.38]	78.2 [3.08]	
	09	106.8 [4.21]	76.20 [3.000]	95.3 [3.75]	87.8 [3.46]	
	10	116.3 [4.58]	85.73 [3.375]	104.8 [4.13]	97.3 [3.83]	
B	11	125.9 [4.96]	95.25 [3.750]	114.3 [4.50]	106.8 [4.21]	
	12	135.4 [5.33]	104.78 [4.125]	123.8 [4.88]	116.3 [4.58]	
	13	144.9 [5.71]	114.30 [4.500]	133.4 [5.25]	125.9 [4.96]	
	14	154.4 [6.08]	123.83 [4.875]	142.9 [5.63]	135.4 [5.33]	
	15	164.0 [6.46]	133.35 [5.250]	152.4 [6.00]	144.9 [5.71]	
	16	173.5 [6.83]	142.88 [5.625]	161.9 [6.38]	154.4 [6.08]	
	17	183.0 [7.21]	152.40 [6.000]	171.5 [6.75]	164.0 [6.46]	
	18	192.5 [7.58]	161.93 [6.375]	181.0 [7.13]	173.5 [7.21]	
	19	202.1 [7.96]	171.45 [6.750]	190.5 [7.50]	192.5 [7.58]	
	20	211.6 [8.33]	180.98 [7.125]	200.0 [7.88]	202.1 [7.96]	
A	21	221.1 [8.71]	190.50 [7.500]	209.6 [8.25]	211.6 [8.33]	
	22	230.6 [9.08]	200.03 [7.875]	219.1 [8.63]	221.1 [8.71]	
	23	240.2 [9.46]	209.55 [8.250]	228.6 [9.00]	230.6 [9.08]	
	24	249.7 [9.83]	219.08 [8.625]	238.1 [9.38]	230.6 [9.08]	
	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	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
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		3 PLACES	± ---	± 0.005	APPROVED BY P. WALTZ	DATE 2003/10/16	MOLEX INCORPORATED MATERIAL NO. SD-38720-001 DOCUMENT NO.			
2 PLACES	± 0.13	± 0.1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 2					
		1 PLACE		± 0.3	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				