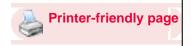
### Switch Language

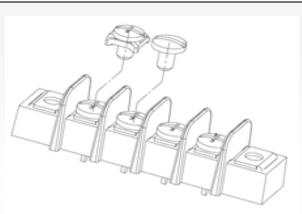
### Home Terminal Blocks Datasheet

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Series image - Reference only

EU RoHS ELV and RoHS Compliant



Lead-free Process CapabilityWave Capable (TH only)

Search Parts in this Series 38720 Series

Mates With N/A

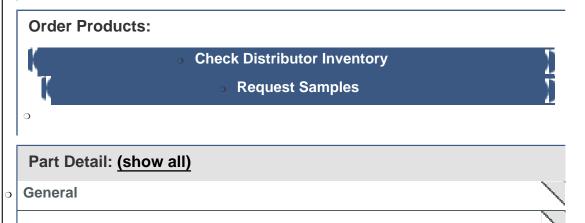
## Part Number:0387206202

## **Status:Active**

**Description:**9.53mm (.375") Pitch Beau<sup>™</sup> PCB Terminal Strip, with Mounting Ends, 2 Circuits

**Documents:** 

- Drawing (PDF)
- Related Catalog Page (PDF)



C	5	Physical
C	5	Electrical
C	5	Material Info
C	5	Reference - Drawing Numbers

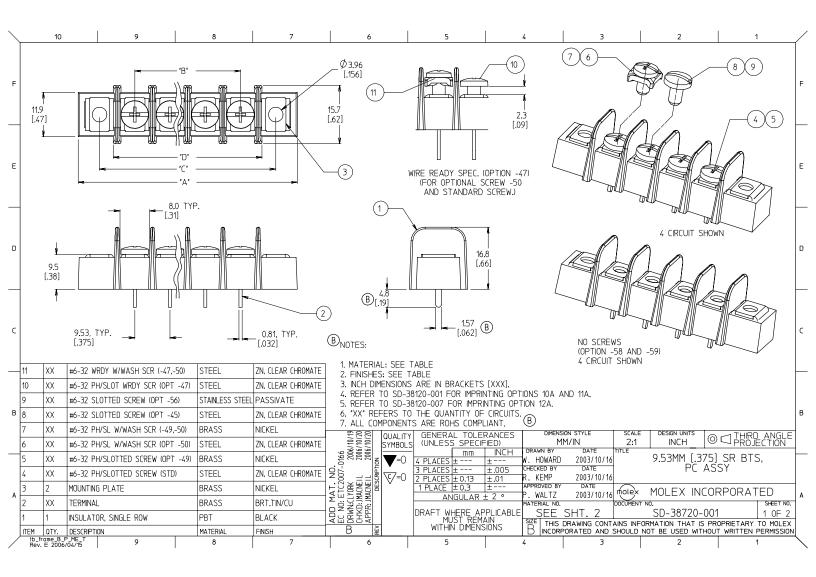
General	
Product Family	Terminal Blocks
Series	38720
Application	Wire-to-Board
Component Type	One Piece
Product Name	Fixed Mount Barrier
Туре	Barrier Strip
	·
Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
Entry Angle	Horizontal
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	N/A
PC Tail Length (in)	0.190 ln
PC Tail Length (mm)	4.80 mm
PCB Retention	Yes
Panel Mount	No
Pitch - Mating Interface (in)	0.375 ln
Pitch - Mating Interface (mm)	9.53 mm
Pitch - Term. Interface (in)	0.375 ln
Pitch - Term. Interface (mm)	9.52 mm
Plating min: Mating (uin)	150
Plating min: Mating (um)	3.75
Plating min: Termination (uin)	150
Plating min: Termination (um)	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	14
Wire Size AWG	16
Wire Size AWG	18
Wire Size AWG	20
Wire Size AWG	22
Wire Size mm	0.50 - 1.50

Electrical

Current - Maximum	15.00 Amp
Voltage - Maximum	300V
Material Info	
Old Part Number	72502
Reference - Drawing Numbers	
Sales Drawing	SD-38720-001

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10		9	8		7	6		5		4	3		2		1
ATERIAL NO. (OPT 12A)	MATERIAL NO.	MATERIAL NO. (OPT 10A)	MATERIAL NO. (OPT -59)	MATERIAL NO. (OPT -58)	MATERIAL NO. (OPT -56)	MATERIAL NO. (OPT -50)	MATERIAL NO. (OPT -4950)	MATERIAL NO. M	IATERIAL NO. OPT -4750)	MATERIAL NO. (STD)	NUMBER OF CIRCUITS *XX'				
101 1 1210				101 1 307	38729-0659 (			1011 427 1		3) 38720-6201	01				
-		38729-1039		38729-0750	38729-0791	38720-7402	38729-1381	38720-6802	· · · · ·	38720-6202	02				
38729-0872	38729-0025	38729-0014	20700 00/5		38729-0117	38720-7403	20200 4450	38720-6803	38720-8603	38720-6203	03				
38729-0256	-	38729-0940 38729-0346	38729-0945		38729-0839 38729-1253	38720-7404 38720-7405	38729-1159 38729-1382	38720-6804 38720-6805		38720-6204 38720-6205	04				
0727-0230		30/27-0340	38729-0400	38729-0386	38729-0980	38720-7405	38729-1383	38720-6806		38720-6206	06				
		38729-0423	38729-0407	38729-0435	38729-0440	38720-7407	50727 1505	38720-6807		38720-6207	07				
38729-0497				38729-0508	38729-0532	38720-7408		38720-6808		38720-6208	08				
		38729-0548 38729-1011	38729-0598	38729-0560 38729-0598	<u> </u>	38720-7409 38720-7410		38720-6809 38720-6810		38720-6209 38720-6210	09				
		30/29-1011	30/29-0390	30729-0390	38729-1252	38720-7410		30720-0010		38720-6211	11				
		38729-0720	-	-	38729-0735	38720-7412		38720-6812		38720-6212	12				
				38729-0809		38720-7413				38720-6213	13				
		<u> </u>		38729-0004		38720-7414		38720-6814		38720-6214	14				
		+	+	+	<u> </u>					38720-6215 38720-6216	15				
		+	+	+						38720-6217	17				
										38720-6218	18				
										38720-6219	19				
		+	+		L			++		38720-6220 38720-6221	20 21				
		+	+							38720-6222	21				
		-								38720-6223	23				
										38720-6224	24				
										38720-6225	25				
										38720-6226	26				
	DM.	DM.	DIM.		DIM.										
02 2 03 4 04 5 05 6	"A" 30.7 [1.21] 30.1 [1.58] 39.7 [1.96] 39.2 [2.33] 38.7 [2.71]	B 9.53 [.375 19.05 [.750 28.58 [1.125 38.10 [1.500	] <u>38.1</u> ] <u>47.6</u>	[.75] 11.6 [1.13] 21.1 [1.50] 30.6 [188] 40.1	°D* [.46] B [.83] [1.21] [1.58] [1.96]	)	70						Ф1.93 [.076] (ТҮР)		
UITS 'XX" 01 3 02 4 03 4 04 5 05 6 06 7	"A" 0.7 [1.21] 0.1 [1.58] 9.7 [1.96] 9.2 [2.33]	"B'  9.53 [.375 19.05 [.750 28.58 [1.125	19.1 28.6 38.1 5 47.6 0 57.2 5 66.7	[.75]         11.6           [1.13]         21.1           [1.50]         30.6           [1.88]         40.1	"D" [.46] B [.83] [1.21] [1.58]	)	7.9						[.076]		
UITS *XX* 01 3 02 4 03 4 04 5 05 6 06 7 07 8 08 9	'A' 30.7 [121] 40.1 [158] 19.7 [196] 19.2 [2.33] 8.7 [2.71] 7.8 [3.46] 7.8 [3.46] 7.3 [3.83]	"B'  9.53 [.375 19.05 [.750 28.58 [.1/25 38.10 [1.500 47.63 [1.875 57.15 [.2.25 66.68 [2.62	19.1 28.6 38.1 47.6 1 57.2 5 66.7 0 76.2 5 85.7	[.75]         11.6           [1.13]         21.1           [1.50]         30.6           [1.88]         40.1           [2.25]         49.7           [2.63]         59.2           [3.00]         68.7           [3.38]         78.2	*D* [.46] B [.83] [1.21] [1.58] [1.96] [2.33] [2.71] [3.08]	)	7.9 [.31]						[.076]		
UITS *XX* 01 3 02 4 03 4 04 5 05 6 06 7 07 8 08 9 09 1	'A' 30.7 [121] 40.1 [158] 19.7 [196] 19.2 [2.33] 8.7 [2.71] 7.8 [3.46] 7.8 [3.46] 7.3 [3.83]	B 9.53 [.375 19.05 [.750 28.58 [.1.25 38.10 [.500 47.63 [.875 57.15 [2.25] 66.68 [.62 76.20 [.3.00	19.1 28.6 38.1 47.6 1 57.2 5 66.7 0 76.2 5 85.7	[.75]         11.6           [1.13]         21.1           [1.50]         30.6           [1.88]         40.1           [2.25]         49.7           [2.63]         59.2           [3.00]         68.7           [3.38]         78.2           [3.75]         87.8	*D* [.46] B [.83] [.12] [.158] [.196] [.308] [.3,66]	)							[.076]		
UITS *XX* 01 3 02 4 03 4 04 5 05 6 06 7 07 8 08 5 08 5 09 1 10 1	'A' 30.7 [1,21] .0.1 [1,58] .9.7 [1,96] .9.2 [2,33] .8.7 [2,71] .8.2 [3,08] .7.3 [3,63] .06.8 [4,21] .6.3 [4,58]	"B'  9.53 [.375 28.58 [.125 38.10 [.150] 47.63 [1875 57.15 [.225 66.68 [.2.62 76.20 [.3.00 85.73 [.3.37]	19.1           28.6           38.1           5] 47.6           0] 57.2           5] 66.7           0] 76.2           5] 85.7           0] 95.3           5] 104.8	[.75]         11.6           [113]         21.1           [150]         30.6           [188]         40.1           [2.25]         49.7           [2.63]         59.2           [3.00]         68.7           [3.75]         87.8           [4.13]         97.3	*D* [.46] B [.83] [.121] [.158] [.196] [2.33] [2.71] [3.08] [3.46] [3.83]	)				······································			[.076]		
UITS 'XX' 01 3 02 2 03 2 05 6 06 7 07 8 08 5 09 1 10 1 11 1 12 1	*A* 30.7 [1,21] 10.1 [1,58] 19.7 [1,96] 19.2 [2,33] 19.2 [2,33] 18.7 [2,71] 18.7 [2,71] 18.7 [2,71] 18.7 [3,63] 06.8 [4,21] 16.3 [4,58] 25.9 [4,96] 35.4 [5,33]	"B' 9.53 (375 19.05 (.750 28.58 11/25 38.10 (150) 47.63 (187' 57.15 (2.25 66.68 (2.62 76.20 (3.00 85.73 (3.37) 95.25 (3.75)	19.1           28.6           38.1           5           47.6           0           57.2           51           66.7           10)           76.2           55           85.7           10)           95.3           51           114.3           51           123.8	[.75]         11.6           [113]         21.1           [150]         30.6           [188]         40.1           [2.25]         49.7           [2.63]         59.2           [3.00]         68.7           [3.36]         78.2           [3.75]         87.8           [4.13]         97.3           [4.50]         106.8           [4.58]         116.3	*D* [46] [83] [1,21] [1,58] [1,96] [2,33] [2,71] [3,08] [3,46] [3,83] [4,21] [4,58]	)				······································			[.076]		
UITS 'XX' 01 3 02 2 03 4 03 4 04 5 05 6 06 7 07 8 09 1 10 1 11 1 13 1	'A' 30.7 [121] .0.1 [158] .9.7 [196] .9.2 [2.33] .8.7 [2.71] .8.8 [2.71] .8.8 [3.46] .7.8 [3.46] .7.	"B' 9.53 (375 19.05 (.750 28.58 11/25 38.10 (150) 47.63 (187' 57.15 (2.25 66.68 (2.62 76.20 (3.00 85.73 (3.37) 95.25 (3.75)	19.1           28.6           38.1           5           47.6           0           57.2           51           66.7           10)           76.2           55           85.7           10)           95.3           51           114.3           51           123.8	[.75]         11.6           [113]         21.1           [150]         30.6           [1.88]         40.1           [2.25]         49.7           [2.63]         59.2           [3.00]         68.7           [3.36]         78.2           [4.75]         87.8           [4.3]         97.3           [4.50]         106.8           [4.88]         116.3	"D" [.46] B [.83] [121] [158] [158] [196] [2.33] [2.71] [3.08] [3.46] [3.83] [3.421] [4.58] [4.21] [4.58] [4.42] [4.58] [5.42] [4.58] [5.42] [		[.31]		9.5	······································			[.076]		
UITS 'XX' 01 3 02 2 03 2 04 5 06 7 06 7 07 8 08 5 09 1 10 1 11 1 12 1 13 1 14 1	'A' 30.7 [121] 0.1 [158] 39.7 [196] 39.2 [2.33] 38.7 [2.71] 38.2 [2.71] 38.2 [3.08] 77.8 [3.46] 77.3 [3.83] 06.8 [4.21] 16.3 [4.58] 25.9 [4.96] 35.4 [5.33] 44.9 [5.71] 44.9 [5.71]	B. 	19.1           28.6           38.1           34.7           5           47.6           0           57.2           5           66.7           00           75.2           85.7           5           10.4.8           00           114.3           5           123.8           01           133.4           5           124.2.9	[.75]         11.6           (113)         21.1           (150)         30.6           (188)         40.1           (2.25)         49.7           (2.63)         59.2           (3.00)         68.7           (3.38)         78.2           (3.75)         87.8           (4.33)         97.3           (4.50)         106.8           (4.52)         105.3           (5.63)         135.4	D*         Construction         Construction <thconstruction< th="">         Construction</thconstruction<>		[.31]	<b>⊢</b> .60]	[.37]	······································			[.076] (TYP)		
UITS 'XX' 01 3 02 2 03 4 04 5 05 6 06 7 07 8 08 5 09 1 11 1 12 1 13 1 14 1 15 1 16 1	'A' 30.7 [12] 30.1 [158] 39.7 [196] 39.2 [2.33] 38.7 [2.71] 8.2 [2.71] 8.2 [2.71] 7.8 [3.46] 7.3 [3.83] 06.8 [4.21] 16.3 [4.58] 25.9 [4.96] 35.4 [5.33] 54.4 [6.08] 64.0 [6.46] 64.0 [6.46] 64.3 [5.35] 54.4 [6.08] 64.0 [6.46] 64.3 [5.35] 55.5 [6.83]	B	19,1           28.6           38.1           31,47.6           00           57,2           56,67           00           75,2           55,67           10,95,3           51,02,12           10,03,12           10,04,8           00,01,14,3           51,12,3,4           10,13,3,4           51,12,3,4           10,13,3,4           51,12,2	[75]         11.6           [13]         21.1           [150]         30.6           [188]         40.1           [225]         49.7           [263]         59.2           [3.00]         68.7           [3.38]         78.2           [3.75]         87.8           [4.13]         97.3           [5.25]         125.2           [5.25]         125.4           [6.38]         163.3	"D"         [.46]         B           [.83]         [121]         [158]           [121]         [158]         [271]           [156]         [271]         [308]           [346]         [383]         [421]           [4.58]         [421]         [4.58]           [9496]         [533]         [5.71]           [5.73]         [5.71]         [608]		[.31]	GENERAL TOL	ERANCES			ALE DESIG	[.076] (TYP)		) ANGL
UITS *XX* 01 3 02 4 03 4 04 5 05 6 06 7 07 8 09 1 10 1 11 1 12 1 13 1 14 1 15 1 16 1 17 1	'A' 30.7 [121] 30.1 [158] 30.7 [1.96] 38.7 [2.71] 38.7 [2.71] 38.7 [2.71] 38.7 [2.73] 38.7 [2.73] 38.3 [3.46] 77.3 [3.83] 06.8 [4.21] 06.8 [4.21] 51.4 [5.73] 52.5 [5.73] 54.4 [6.08] 64.0 [6.46] 73.5 [6.83] 30.0 [2.71]	B. 	19.1           12.8.6           38.1           51.47.6           00.57.2           51.66.7           00.75.2           52.66.7           00.75.2           55.100           95.3           51.101           14.3           51.122.8           10.133.4           10.133.4           10.133.4           10.133.4           10.132.4           10.132.4           10.132.4           11.4.3           51.122.8           10.132.4           10.133.4           11.4.3	$\begin{array}{ccccc} [75] & 11.6 \\ [13] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [188] & 40.1 \\ [225] & 49.7 \\ [263] & 59.2 \\ [300] & 68.7 \\ [336] & 78.2 \\ [336] & 78.2 \\ [3375] & 87.8 \\ [338] & 78.2 \\ [3375] & 87.8 \\ [338] & 78.2 \\ [338] & 78$	"D"         [46]         B           [.46]         [83]         [121]           [158]         [158]         [158]           [196]         [2.33]         [2.71]           [3.08]         [3.46]         [3.63]           [3.63]         [3.42]         [4.58]           [4.58]         [4.58]         [5.71]           [5.71]         [5.74]         [5.74]           [5.74]         [5.66]         [5.74]		[.31]	<b>⊢</b> .60]	ERANCES	"B"	ATTERN I STYLE SC DATE TITLE DATE TITLE	ALE DESIG	(.076] (TYP) ICH		
UITS 'XX' 01 2 02 2 03 4 04 5 06 7 06 7 07 8 08 5 09 1 10 1 11 1 12 1 13 1 14 1 16 1 17 1 18 1	'A' 30.7 [21] 30.1 [158] 39.7 [158] 39.7 [158] 39.7 [158] 38.7 [2.71] 38.3 [2.71] 38.3 [3.6] 37.8 [3.6] 37.8 [3.6] 36.8 [4.21] 35.4 [5.3] 44.9 [5.71] 54.4 [6.08] 64.0 [6.46] 64.0 [6.46] 64.3 [5.5] 35.4 [5.8] 35.5 [7.58] 35.5 [7.58]	"B. 	19.1           28.6           38.1           38.1           01           51           47.6           00           57.2           5           66.7           5           75           66.7           75           75           75           75           76.2           75           76.2           75           76.2           75           76.2           76.2           75           76.2           75           75           76.4           75           76.2           75           76.2           75           75           76.2           75           75           76.2           75           75           76.2           75           76.2           76.2           75           76.2           76.2           76.2 <tr< td=""><td><math display="block">\begin{array}{ccccc} [.75] &amp; 11.6 \\ [113] &amp; 21.1 \\ [150] &amp; 30.6 \\ [150] &amp; 30.6 \\ [128] &amp; 40.1 \\ [225] &amp; 49.7 \\ [2.63] &amp; 59.2 \\ [3.00] &amp; 68.7 \\ [2.63] &amp; 59.2 \\ [3.36] &amp; 78.2 \\ [3.75] &amp; 87.8 \\ [3.75] &amp; 87.8 \\ [4.13] &amp; 97.3 \\ [4.50] &amp; 106.8 \\ [4.50] &amp; 106.8 \\ [4.50] &amp; 106.8 \\ [4.50] &amp; 106.8 \\ [1525] &amp; 125.9 \\ [5.63] &amp; 155.4 \\ [6.06] &amp; 144.9 \\ [6.06] &amp; 154.4 \\ [6.06] &amp; 154.4 \\ [6.07] &amp; 154.4 \\ [6.07] &amp; 154.4 \\ [6.75] &amp; 164.0 \\ [6.75] &amp; 164.0</math></td><td>TD*         E46         B           [.46]         [.83]         [.158]         [.196]           [.158]         [.196]         [.231]         [.271]           [.271]         [.308]         [.346]         [.383]           [.271]         [.308]         [.421]         [.458]           [.458]         [.458]         [.458]         [.458]           [.571]         [.608]         [.571]         [.608]           [.6.66]         [.721]         [.721]</td><td></td><td>[.31]</td><td>GENERAL TOL (UNLESS SPEC</td><td>ERANCES IFIED) INCH ±</td><td>"B" "B" "C "C "C "C "C "C "C "C "C "C "C "C "C</td><td>ATTERN STYLE SC VIN 2 DATE TILE 2003/10/16</td><td>ALE DESIG</td><td>(.076] (TYP) ICH</td><td></td><td></td></tr<>	$\begin{array}{ccccc} [.75] & 11.6 \\ [113] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [128] & 40.1 \\ [225] & 49.7 \\ [2.63] & 59.2 \\ [3.00] & 68.7 \\ [2.63] & 59.2 \\ [3.36] & 78.2 \\ [3.75] & 87.8 \\ [3.75] & 87.8 \\ [4.13] & 97.3 \\ [4.50] & 106.8 \\ [4.50] & 106.8 \\ [4.50] & 106.8 \\ [4.50] & 106.8 \\ [1525] & 125.9 \\ [5.63] & 155.4 \\ [6.06] & 144.9 \\ [6.06] & 154.4 \\ [6.06] & 154.4 \\ [6.07] & 154.4 \\ [6.07] & 154.4 \\ [6.75] & 164.0$	TD*         E46         B           [.46]         [.83]         [.158]         [.196]           [.158]         [.196]         [.231]         [.271]           [.271]         [.308]         [.346]         [.383]           [.271]         [.308]         [.421]         [.458]           [.458]         [.458]         [.458]         [.458]           [.571]         [.608]         [.571]         [.608]           [.6.66]         [.721]         [.721]		[.31]	GENERAL TOL (UNLESS SPEC	ERANCES IFIED) INCH ±	"B" "B" "C "C "C "C "C "C "C "C "C "C "C "C "C	ATTERN STYLE SC VIN 2 DATE TILE 2003/10/16	ALE DESIG	(.076] (TYP) ICH		
UITS 'XX' 01 2 02 2 03 2 04 5 05 6 06 7 07 8 08 5 09 1 10 1 10 1 11 10 1 11 11 11 13 1 14 1 15 1 16 1 17 1 18 1 19 2	'A' 30.7 [121] 30.1 [158] 30.7 [1.96] 38.7 [2.71] 38.7 [2.71] 38.7 [2.71] 38.7 [2.73] 38.7 [2.73] 38.3 [3.46] 77.3 [3.83] 06.8 [4.21] 06.8 [4.21] 51.4 [5.73] 52.5 [5.73] 54.4 [6.08] 64.0 [6.46] 73.5 [6.83] 30.0 [2.71]	B. 	19.1           12.8.6           38.1           31.47.6           01.57.2           51.66.7           00.75.2           51.66.7           00.95.3           51.11.334           00.114.3           51.12.38           00.114.3           51.12.38           00.152.4           00.152.4           00.152.4           00.152.4           00.152.4           00.152.4           00.152.4           00.152.4           00.171.5           51.181.0           00.190.5	$\begin{array}{ccccc} [75] & 11.6 \\ [13] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [188] & 40.1 \\ [225] & 49.7 \\ [263] & 59.2 \\ [300] & 68.7 \\ [336] & 78.2 \\ [336] & 78.2 \\ [3375] & 87.8 \\ [338] & 78.2 \\ [3375] & 87.8 \\ [338] & 78.2 \\ [338] & 78$	D*         E           [.46]         B           [.83]         [.121]           [158]         [.196]           [2.33]         [.271]           [3.08]         [.33.6]           [3.46]         [.383]           [4.21]         [.458]           [5.33]         [.4.21]           [4.56]         [.5.33]           [5.71]         [.6.68]           [6.64]         [.7.28]		[.31]	GENERAL TOLI (UNLESS SPEC PLACES ± PLACES ±	[.37] ERANCES IFIED) INCH ± ±.005	"B" "B" PTH PA DPRANN BY W. HOWARD CRECKED BY	ATTERN TSTYLE SC VIN 2 DATE TITLE 2003/10/16 DATE	ALE DESIG	(.076] (TYP) ICH	) (THIRI PROJ ] SR BT: SSY	
UITS 'XX' 01 2 02 2 03 2 04 5 05 6 06 7 07 8 08 5 09 1 10 1 10 1 11 12 1 13 1 11 12 1 13 1 14 1 15 1 17 1 18 1 19 2 20 2 21 2 2 2 2 2 2 2 2 2 2 2 2 2 2	'A' 30.7 [121] 30.1 [158] 30.7 [156] 39.7 [156] 39.7 [156] 38.7 [271] 38.7 [271] 38.7 [271] 38.3 [271] 38.3 [271] 38.3 [271] 38.3 [271] 38.4 [271] 38.4 [271] 38.4 [271] 38.4 [271] 38.4 [271] 39.2 [271] 39.2 [271] 39.2 [271] 39.2 [271] 30.2 [271] 3	B. B	19.1           128.6           38.1           38.1           31.47.6           01.57.2           51.66.7           00.76.2           51.10           10.11.33.4           51.10           10.133.4           51.12.38           10.133.4           51.12.38           10.152.4           51.12.38           10.152.4           51.12.9           10.152.4           51.12.9           51.12.9           51.12.9           52.13.8           53.14.14.1           54.19           55.11.19           55.12.23.8           55.12.23.8           55.12.23.8           55.12.20.0.0           55.12.20.0.0           55.12.20.0.0           55.12.20.0.0      55.12.20.0.0           55.12.20.0.0           55.12.20.0.0           55.12.20.20.0           55.12.20.20.0           55.12.20.20.0           55.12.20.20.0           55.12.20.20.0           55.12.20.20.0           55.12.20.20.0           55.12.20.20.0 <td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td>'D'         (46)         (B)           [.46]         (B)         (B)         (B)           [.121]         (158)         (196)         (B)         (B)           [.158]         (196)         (B)         (B)         (B)         (B)           [.158]         (196)         (B)         (B)</td> <td></td> <td>[.31]</td> <td>[.60] GENERAL TOL (UNLESS SPEC PLACES ± PLACES ± PLACES ± 0.13</td> <td>[.37] ERANCES IFIED) INCH ± ±.005 ±.01</td> <td>B*</td> <td>ATTERN STYLE SC DATE TILE 2003/10/16 DATE 2003/10/16</td> <td>ALE DESIG</td> <td>(.076] (TYP) ICH</td> <td></td> <td></td>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	'D'         (46)         (B)           [.46]         (B)         (B)         (B)           [.121]         (158)         (196)         (B)         (B)           [.158]         (196)         (B)         (B)         (B)         (B)           [.158]         (196)         (B)		[.31]	[.60] GENERAL TOL (UNLESS SPEC PLACES ± PLACES ± PLACES ± 0.13	[.37] ERANCES IFIED) INCH ± ±.005 ±.01	B*	ATTERN STYLE SC DATE TILE 2003/10/16 DATE 2003/10/16	ALE DESIG	(.076] (TYP) ICH		
UITS *XX* 01 3 02 4 03 4 04 5 05 6 06 7 07 8 08 5 09 1 10 1 11 1 13 1 14 1 15 1 14 1 15 1 16 1 17 1 18 1 19 2 20 2 21 2 21 2 22 2 22 2 22 2 22 2 22 2 22 2 22 2 22 2 22 2 20 20 2 20 20 2 20 2 20 2 20 2 20 2 20 2 20 2 20 2 20 2 20 20 20 20 20 20 20 20 20 20 20	'A' 30.7 [121] 30.1 [158] 30.7 [156] 39.7 [156] 39.7 [2,71] 38.7 [2,71] 38.7 [2,71] 38.3 [3,62] 37.8 [3,46] 37.3 [3,46] 37.3 [3,46] 37.3 [3,46] 37.4 [3,46] 35.4 [5,33] 44.9 [5,71] 35.4 [5,33] 45.4	B. 	19.1           19.28.6           38.1           38.1           51         47.6           00         57.2           55         66.7           00         76.2           55         10.4.8           00         14.3           55         10.4.8           00         133.4           01         133.4           01         132.4           101         133.4           101         133.4           101         133.4           101         133.4           101         133.4           101         133.4           101         133.4           101         133.4           101         139.5           15         1810           101         190.5           15         200.0           102         209.6           101         129.1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	"D"         [46]         B           [.46]         [.83]         [.121]           [.121]         [.158]         [.123]           [.158]         [.136]         [.136]           [.121]         [.271]         [.308]         [.323]           [.271]         [.308]         [.421]         [.458]           [.458]         [.458]         [.496]         [.571]           [.6.08]         [.6.26]         [.724]         [.796]           [.796]         [.833]         [.871]         [.871]		[.31]	GENERAL TOLI (UNLESS SPEC PLACES ± PLACES ± PLACES ±0.13 PLACE ±0.3	[.37] ERANCES IFIED) INCH ± ±.005 ±.01 ±	"B" "B" PTH PA DRAWN BY W. HOWARD CHECKED BY R. KEMP APPROVED BY	ATTERN A STYLE SC /IN 2 DATE TITLE 2003/10/16 DATE (1) DATE	ALE DESIG 2:1 IN 9.531	(1076) (TYP) ICH MM [.375 PC AS		S,
UITS 'XX' 01 2 02 2 03 4 04 5 05 6 06 7 6 07 8 08 5 09 1 10 1 12 1 13 1 14 1 15 1 14 1 16 1 17 1 18 1 19 2 20 2 21 2 22 2 22 2 2	'A' 30.7 [121] 30.1 [158] 30.7 [158] 30.7 [158] 30.7 [158] 30.7 [158] 30.8 [222] 30.8 [273] 42.9 [203] 35.4 [253] 44.9 [273] 44.9 [273] 45.8 [274] 45.8 [274] 4	B	19.1           128.6           38.1           38.1           147.6           00           57.2           5           66.7           5           75.2           5           75           10           95.3           5           114.3           5           100           114.3           5           101           133.4           5           142.9           101           133.4           5           142.9           101           133.4           5           142.9           101           133.4           5           1810           101           190.5           5           1810           101           202.6	$\begin{array}{ccccc} [75] & 11.6 \\ [113] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [150] & 30.6 \\ [128] & 40.1 \\ [225] & 49.7 \\ [225] & 49.$	TD*         (.46)         (.83)           (.121)         (.158)         (.196)           (.158)         (.196)         (.271)           (.158)         (.196)         (.196)           (.158)         (.196)         (.196)           (.158)         (.196)         (.196)           (.153)         (.196)         (.196)           (.196)         (.196)         (.196)           (.197)         (.196)         (.196)           (.196)         (.196)         (.196)           (.197)         (.196)         (.196)           (.197)         (.196)         (.196)           (.197)         (.196)         (.196)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.197)         (.197)           (.197)         (.		[.31]	[.60] GENERAL TOL (UNLESS SPEC PLACES ± PLACES ± PLACES ± 0.13	[.37] ERANCES IFIED) INCH ± ±.005 ±.01 ±	B*	ATTERN ASTYLE DATE 2003/10/16 DATE 2003/10/16 DATE 2003/10/16 CONTENTION CONTENTI	ALE DESIG 2:1 IN 9.531	(1076) (TYP) ICH MM [.375 PC AS	] SR BT: SSY	S, TED
UITS         *XX*           01         2           03         2           03         2           05         6           06         7           07         8           09         1           10         1           12         1           14         1           15         1           16         1           17         1           18         1           19         2           20         2           21         2           22         21           23         2           24         2           22         24           22         24           25         2	'A' 30.7 [21] 30.1 [158] 30.7 [158] 39.7 [156] 39.7 [156] 38.7 [2.71] 38.3 [34.6] 37.8 [34.6] 36.8 [4.21] 35.4 [5.3] 35.4 [5.4] 35.4 [5.4]	B	19.1           128.6           38.1           38.1           147.6           00           57.2           51           66.7           00           76.2           55           55           104.8           00           114.3           51           104.8           00           114.3           51           104.8           00           114.3           51           104.8           00           114.3           51           100           133.4           51           100           133.4           51           100           175           1819           101           190.5           1210.0           190.2           111.3           111.3           112.3           113.4           114.3           114.3           114.3           115.2      <	$\begin{array}{ccccc} [75] & 11.6 \\ [113] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [150] & 30.6 \\ [128] & 40.1 \\ [225] & 49.7 \\ [263] & 59.2 \\ [330] & 68.7 \\ [263] & 59.2 \\ [330] & 68.7 \\ [333] & 78.2 \\ [334] & 78.2 \\ [334] & 78.$	TD*         E           [.46]         [.83]           [.121]         [.158]           [.158]         [.196]           [.271]         3.08]           3.46         3.83]           3.42.11         [.458]           0.4596         [.533]           5.71]         [.608]           0.4596         [.724]           5.33]         [.774]           5.73]         [.6.08]           6.721         [.758]           1.796         [.833]           [.71]         [.5908]           5.90.8         [.908]           2.9.46         [.908]		[.31]	GENERAL TOLI (UNLESS SPEC PLACES ± PLACES ± PLACES ± 0.13 PLACE ± 0.3 ANGULAF	ERANCES IFIED) ± ±.005 ±.01 ± ±.2 °	B" — B" — PTH PA DIMENSION MM/ DIRAWN BY W. HOWARD CHECKED BY K. HOWARD CHECKED BY R. KEMP APPROVED BY P. WALTZ MATERIAL NO.	ATTERN STYLE SC /IN 2 DATE TILE 2003/10/16 DATE 2003/10/16 DATE 2003/10/16 DATE 2003/10/16	ALE DESIGN 2:1 IN 9.531 EX MOLE HENT NO.	(1076) (TYP) ICH MM [.375 PC AS	] SR BT: SSY RPORA1	S, TED
UITS 'XX' 01 2 02 2 03 4 05 6 04 5 06 7 07 8 08 5 06 7 07 8 08 5 09 1 10 1 11 1 12 1 13 1 14 1 15 1 16 1 17 1 18 1 19 2 20 2 21 2 22 2 24 2 25 2 25	'A' 30.7 [21] 30.7 [158] 30.7 [158] 30.7 [156] 30.7 [27] 30.8 [27] 30.8 [27] 30.8 [27] 30.8 [27] 30.8 [27] 30.8 [27] 30.8 [27] 30.8 [27] 30.6 [26] 30.0 [27] 30.0 [27] 30.6 [20] 30.6 [20] 30.	B	19.1           128.6           38.1           38.1           147.6           00           57.2           51           66.7           00           76.2           55           55           104.8           00           114.3           51           104.8           00           114.3           51           104.8           00           114.3           51           104.8           00           114.3           51           100           133.4           51           100           133.4           51           100           175           1819           101           190.5           1210.0           190.2           111.3           111.3           112.3           113.4           114.3           114.3           114.3           115.2      <	$\begin{array}{ccccc} [75] & 11.6 \\ [113] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [150] & 30.6 \\ [128] & 40.1 \\ [225] & 49.7 \\ [263] & 59.2 \\ [330] & 68.7 \\ [263] & 59.2 \\ [330] & 68.7 \\ [333] & 78.2 \\ [334] & 78.2 \\ [334] & 78.$	D*         [.46]         B           [.421]         [.121]         [.158]           [.158]         [.196]         [.233]           [.271]         [.308]         [.334]           [.271]         [.308]         [.458]           [.158]         [.458]         [.458]           [.458]         [.458]         [.458]           [.533]         [.458]         [.533]           [.577]         [.666]         [.721]           [.666]         [.728]         [.796]           [.796]         [.871]         [.908]           [.608]         [.908]         [.908]	SEE SHEET 1 EC NO: ETC2007-0766 DRWAGELT ORK 2006/10/19 CHXD:JMACKELL 2006/10/20 APPR: JMACKELL 2006/10/20	[.31]	GENERAL TOLI (UNLESS SPEC PLACES ± PLACES ± PLACES ± 0.13 PLACE ± 0.3 ANGULAF RAFT WHERE A MUST REI	ERANCES iFIED iFIED ±.005 ±.01 ± ± 2 ° APPLICABLE MAIN	PTH PA	TTERN TSTYLE SC TATE 2003/10/16 DATE 2003/1	ALE DESIG 2:1 IN 9.531 P. MOLE RENT NO. SD-3 INFORMATION	политя (ТҮР) исн @ ИМ [.375 РС АS EX INCC 18720-00 тнат із рі	] SR BT: SSY RPORAT	S, TED <u>SHEET N</u> 2 OF 2 TO MOLE
UITS 'XX' 01 2 02 2 03 4 05 6 04 05 6 06 7 07 8 06 7 07 8 08 5 09 1 10 1 11 1 12 1 13 1 14 1 15 1 16 1 17 1 18 2 20 2 21 2 22 2 22 2 24 2 25 2 25	'A' 30.7 [121] 30.1 [158] 30.7 [156] 30.7 [156] 30.7 [2,71] 30.8 [2,23] 30.7 [2,71] 30.8 [2,23] 30.8 [2,23] 40.8 [4,22] 31.4 [5,33] 44.9 [5,71] 45.3 [4,58] 35.4 [5,33] 44.9 [5,71] 45.3 [4,58] 35.4 [5,33] 44.9 [5,71] 35.4 [5,33] 44.9 [5,71] 35.4 [5,33] 44.9 [5,71] 35.4 [5,33] 44.9 [5,71] 35.4 [5,33] 44.9 [5,71] 35.4 [5,33] 35.4	B	19.1           128.6           38.1           38.1           147.6           00           57.2           51           66.7           00           76.2           55           55           104.8           00           114.3           51           104.8           00           114.3           51           104.8           00           114.3           51           104.8           00           114.3           51           100           133.4           51           100           133.4           51           100           175           1819           101           190.5           1210.0           190.2           111.3           111.3           112.3           113.4           114.3           114.3           114.3           115.2      <	$\begin{array}{ccccc} [75] & 11.6 \\ [113] & 21.1 \\ [150] & 30.6 \\ [150] & 30.6 \\ [150] & 30.6 \\ [128] & 40.1 \\ [225] & 49.7 \\ [263] & 59.2 \\ [330] & 68.7 \\ [263] & 59.2 \\ [330] & 68.7 \\ [333] & 78.2 \\ [334] & 78.2 \\ [334] & 78.$	TD*         E           [.46]         [.83]           [.121]         [.158]           [.158]         [.196]           [.233]         [.271]           [.3.66]         [.3.83]           [.458]         [.466]           [.466]         [.466]           [.471]         [.466]           [.466]         [.458]           [.458]         [.721]           [.458]         <	SEE SHEET 1 EC NO: ETC2007-0166 DRMMLCIDRR 2006/10/19 CH7ND:IMACNELL 2006/10/20 CH7ND:IMACNELL 2006/10/20	[.31]	GENERAL TOLI (UNLESS SPEC PLACES ± PLACES ± PLACES ± 0.13 PLACE ± 0.3 ANGULAF	ERANCES iFIED iFIED ±.005 ±.01 ± ± 2 ° APPLICABLE MAIN	PTH PA	TTERN TSTYLE SC VIN 2 DATE 2003/10/16 DATE 1000/10/16 DATE 1000/10/16 DATE 1000/10/16 DATE 1000/10/16	ALE DESIG 2:1 IN 9.531 P. MOLE RENT NO. SD-3 INFORMATION	политя (ТҮР) исн @ ИМ [.375 РС АS EX INCC 18720-00 тнат із рі	] SR BT: SSY RPORAT	S, TED SHEET 2 OF TO MOLE

# Beau® Barrier Strips

# Beau terminal blocks provide a robust connection between wires and the PCB.

Beau terminal blocks are a great connector for their durability and versatility. Barrier strips can handle currents of up to 45.0A per circuit and all are rated for 300 or 600V. With the variety of terminal styles, screws and other options available on barrier strips, these parts can be customized in many ways.

Special additions to barrier strips such as topside hardware, marker strips and hinged covers ensure that you get the best possible connector designed specifically for your application.

#### Features

- Optional topside hardware allows for further customization to fit your design requirements
- Robust and durable screw terminals are ultrasonically welded into the thermoplastic insulator, reducing the risk for terminal twisting and solder joint failure
- Tri-barrier construction of some barrier strips provides a back wall to prevent over insertion and shorting
- No special tools required to terminate wires, only a No. 2 screwdriver required
- Broad range of screw and terminal options improves interconnect performance
- Various imprinting styles aid in labeling circuits for wiring, testing and repair in the field
- UL recognized and CSA approved
- RoHS and ELV compliant

## **Barrier Terminal Strips**



### Features and Benefits

- Robust and durable welded construction
- Wide variety of screw and terminal options
- Molded to exact length, no unsightly saw cuts

### **Reference Information**

UL File No.: E48521 UL Guide No.: XCFR2

CSA File No.: 025562

Screw Only	Insulated Solder	Insulated PC	Centerline PC	Solder Turret	Centerline Wire Wrap	Centerline Right Angle PC	Insulated Fast On	Offset PC	Offset Wire Wrap	Offset Right Angle PC
	Ţ		(J							
All	38710 38720 38730	38710 38720 38730	38630 38710 38720 38730 38740	38630/38631 38710/38711 38720/38721 38730/38731	38631 38711 38721 38731	38711 38721 38731 38741	38711 38721 38731 38741	38700 38610	38701	38701

Circuits	Series	Pitch	Current	Voltage	Wire Range AWG	Lead-free
2-16	38630/38631	11.12 (.438)	25.0A	600V	12-24	
2-30	38700/38701	8.25 (.325)	20.0A		12-22	Yes
2-26	38710/38711	0 59 / 975)	25.04		12-24	
2-20	38720/38721	9.52 (.375)	25.0A	300V		
2-30	38730/38731/38732	11 10 ( 400)	20.04		10-24	
2-30	38740/38741/38742	11.12 (.438)	30.0A		10-24	
2-32	38610	6.35 (.250)	10.0A	300V	18-22	]

