

PART NUMBER DATA								
CIRCUITS	A IN	mm	B IN	mm	C IN	mm	D IN	mm
2	1.58	40.2	.375	9.52	1.125	28.58	.83	21.1
3	1.96	49.7	.750	19.05	1.500	38.10	1.21	30.7
4	2.33	59.2	1.125	28.58	1.875	47.63	1.58	40.2
5	2.71	68.7	1.500	38.10	2.250	57.15	1.96	49.7
6	3.08	78.3	1.875	47.63	2.625	66.68	2.33	59.2
7	3.46	87.8	2.250	57.15	3.000	76.20	2.71	68.8
8	3.83	97.3	2.625	66.68	3.375	85.73	3.08	78.3
9	4.21	106.8	3.000	76.20	3.750	95.25	3.46	87.8
10	4.58	116.4	3.375	85.73	4.125	104.78	3.83	97.3
11	4.96	125.9	3.750	95.25	4.500	114.30	4.21	106.9
12	5.33	135.4	4.125	104.78	4.875	123.83	4.58	116.4
13	5.71	144.9	4.500	114.30	5.250	133.35	4.96	125.9
14	6.08	154.5	4.875	123.83	5.625	142.88	5.33	135.4
15	6.46	164.0	5.250	133.35	6.000	152.40	5.71	145.0
16	6.83	173.5	5.625	142.88	6.375	161.93	6.08	154.5
17	7.21	183.0	6.000	152.40	6.750	171.45	6.46	164.0
18	7.58	192.6	6.375	161.93	7.125	180.98	6.83	173.5
19	7.96	202.1	6.750	171.45	7.500	190.50	7.21	183.1
20	8.33	211.6	7.125	180.98	7.875	200.03	7.58	192.6
21	8.71	221.1	7.500	190.50	8.250	209.55	7.96	202.1
22	9.08	230.7	7.875	200.03	8.625	219.08	8.33	211.6
23	9.46	240.2	8.250	209.55	9.000	228.60	8.71	221.2
24	9.83	249.7	8.625	219.08	9.375	238.13	9.08	230.7
25	10.21	259.2	9.000	228.60	9.750	247.65	9.46	240.2
26	10.58	268.8	9.375	238.13	10.125	257.18	9.83	249.7

PART NUMBER LEGEND

ENG NO. 72 7 XX XX-XX

SERIES ———→

STYLE ———→

(WW)

POLES: SEE CHART ———→

TAIL LENGTH

- 47=,47/11.9 (STD)
- 55=,54/13.7
- 75=,75/19.1
- 81=,81/20.6

OPTION:

- 49 (BRASS PHIL-SLOT SCREW)
- 50 (SCREW WITH CLAMP WASHER)

P/N SERIES: 3872122XX= STD




P/N SERIES: 3872128XX= -49

P/N SERIES: 3872134XX= -50

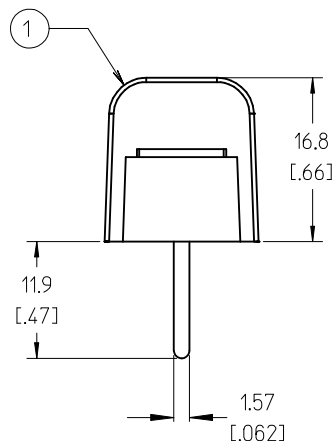
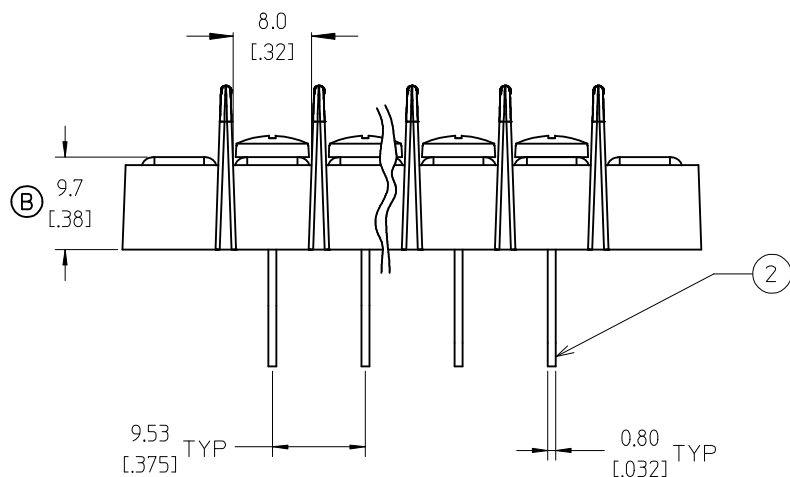
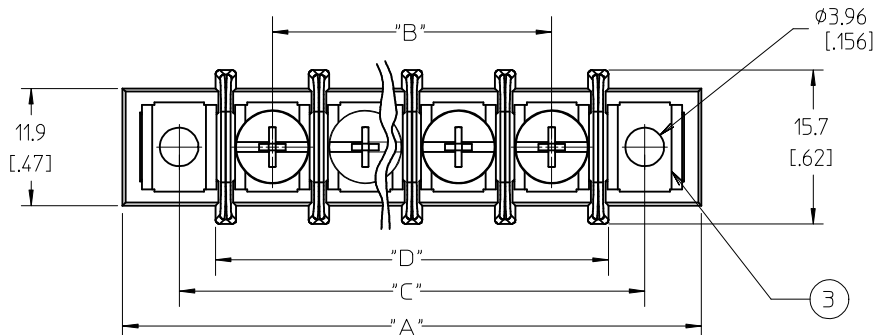
P/N SERIES: 38729____= -81

NOTES:

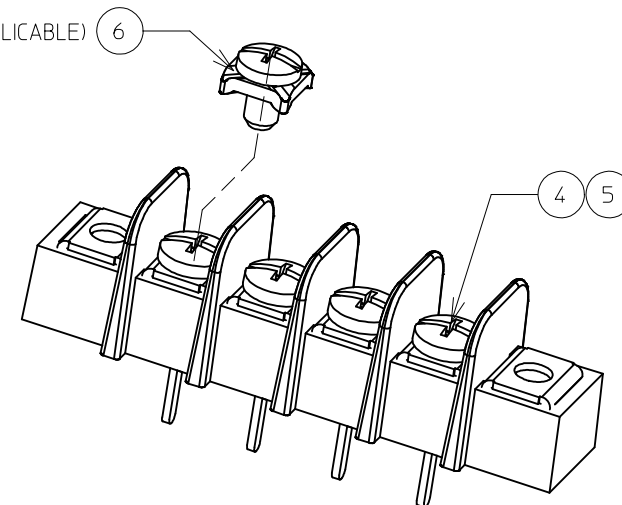
6	XX	#6-32 PH/SLOTTED SCREW (OPTION -50)	380010099	2504-9201-C220
5	XX	#6-32 PH/SLOTTED SCREW (OPTION -49)	380010058	1804-9101-A120
4	XX	#6-32 PH/SLOTTED SCREW (STD)	380010092	2504-9101-C220
3	2	MOUNTING PLATE	380021308	7204-7201-A120
2	XX	TERMINAL	380021279	7204-3411-A260
1	1	BARRIER TERMINAL STRIP	38728_----	7200-XX02-V000
ITEM	QTY	DESCRIPTION	MATERIAL NO.	ENGINEERING NO.

RELEASED EC NO: IPG2015-0118 DRWN: RSTONE 2014/07/18 CHKD: BARDEN 2014/07/23 APPR: JFMURPHY 2014/08/02 A	DESCRIPTION	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION			
		 = 0  = 0		mm	INCH	DRAWN BY RSTONE	DATE 2014/07/18	TITLE SR BTS WW ASSY .375 PITCH WITH MOUNTING ENDS				
			4 PLACES	±---	±---	CHECKED BY	DATE					
			3 PLACES	±---	±.005	----					----	
			2 PLACES	±0.13	±.01	APPROVED BY JFMURPHY					DATE 2014/08/02	
			1 PLACE	±0.3	±---	MOLEX		MOLEX INCORPORATED				
	ANGULAR ±---°				MATERIAL NO. SEE PART LEGEND		DOCUMENT NO. E-38721-010		SHEET NO. 1 OF 1			
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		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 38721



(WHERE APPLICABLE)



PERSPECTIVE VIEW
4 CIRCUIT SHOWN

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
7. ALL COMPONENTS ARE ROHS COMPLIANT.

6	XX	#6-32 PH/SLOTTED SCREW (OPTION -50)	STEEL	ZN, CLEAR CHROMATE
5	XX	#6-32 PH/SLOTTED SCREW (OPTION -49)	BRASS	NICKEL PLATE
4	XX	#6-32 PH/SLOTTED SCREW (STD)	STEEL	ZN, CLEAR CHROMATE
3	2	MOUNTING PLATE	BRASS	NICKEL PLATE
2	XX	TERMINAL	BRASS	TIN PLATE
1	1	BARRIER TERMINAL STRIP	PBT	BLACK
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH

UPDATE TERM. HEIGHT DIM.	EC NO: WNA2009-0445
DRWN: JENC INAS	2009/07/01
CHKD: CYORK	2009/07/02
APPR: JMACNEIL	2009/07/02
B	

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

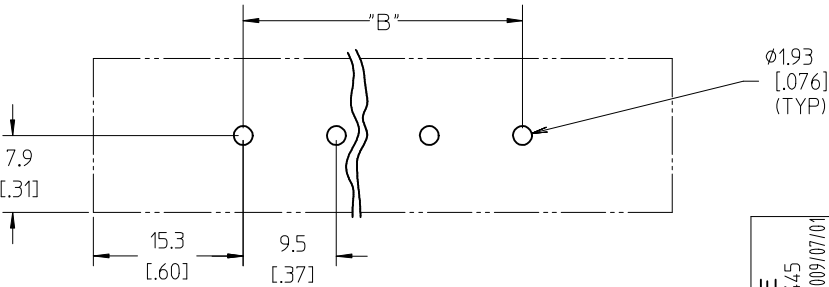
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	MM/IN
DRAWN BY	DATE
C. YORK	2006/03/24
CHECKED BY	DATE
RDEROSS	2006/03/24
APPROVED BY	DATE
RDEROSS	2006/03/24
MATERIAL NO.	
SIZE	B

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	INCH	
SR BTS, WW, ASSY 9.53 MM [1.375] CENTERS		
MOLEX INCORPORATED		
DOCUMENT NO.	SD-38721-003	SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

NUMBER OF CIRCUITS "XX"	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"	
02	40.1	[.158]	9.53	[.375]	28.6	[1.13]	21.1	[.83]
03	49.7	[1.96]	19.05	[.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]
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]
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]

MATERIAL NO. (OPTION -50)	MATERIAL NO. (OPTION -49)	MATERIAL NO. (STANDARD)	NUMBER OF CIRCUITS "XX"
38721-3402	38721-2802	38721-2202	02
38721-3403	38721-2803	38721-2203	03
38721-3404	38721-2804	38721-2204	04
38721-3405	38721-2805	38721-2205	05
38721-3406	38721-2806	38721-2206	06
38721-3407	38721-2807	38721-2207	07
38721-3408	38721-2808	38721-2208	08
38721-3409	38721-2809	38721-2209	09
38721-3410	38721-2810	38721-2210	10
38721-3411	38721-2811	38721-2211	11
38721-3412	38721-2812	38721-2212	12
38721-3413	38721-2813	38721-2213	13
38721-3414	38721-2814	38721-2214	14
38721-3415	38721-2815	38721-2215	15
38721-3416	38721-2816	38721-2216	16
38721-3417	38721-2817	38721-2217	17
38721-3418	38721-2818	38721-2218	18
38721-3419	38721-2819	38721-2219	19
38721-3420	38721-2820	38721-2220	20
38721-3421	38721-2821	38721-2221	21
38721-3422	38721-2822	38721-2222	22
38721-3423	38721-2823	38721-2223	23
38721-3424	38721-2824	38721-2224	24
38721-3425	38721-2825	38721-2225	25
38721-3426	38721-2826	38721-2226	26



PTH PATTERN

SEE SHEET ONE

EC NO: WNA2009-0445

DRWN: JENC INAS 2009/07/01

CHKD: CYORK 2009/07/02

APPR: JMACNE IL 2009/07/02

B

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY	DATE
C. YORK	2006/03/24
CHECKED BY	DATE
RDEROSS	2006/03/24
APPROVED BY	DATE
RDEROSS	2006/03/24

MATERIAL NO.

SEE CHART

SIZE

B

SCALE

2:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

SR BTS, WW, ASSY

9.53 MM [.375] CENTERS

MOLEX INCORPORATED

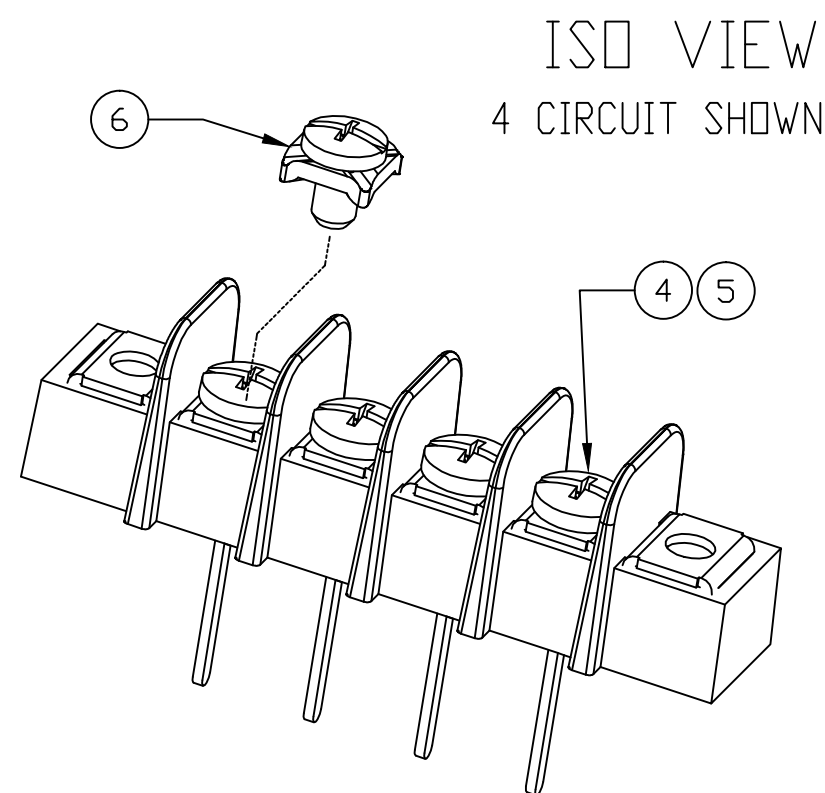
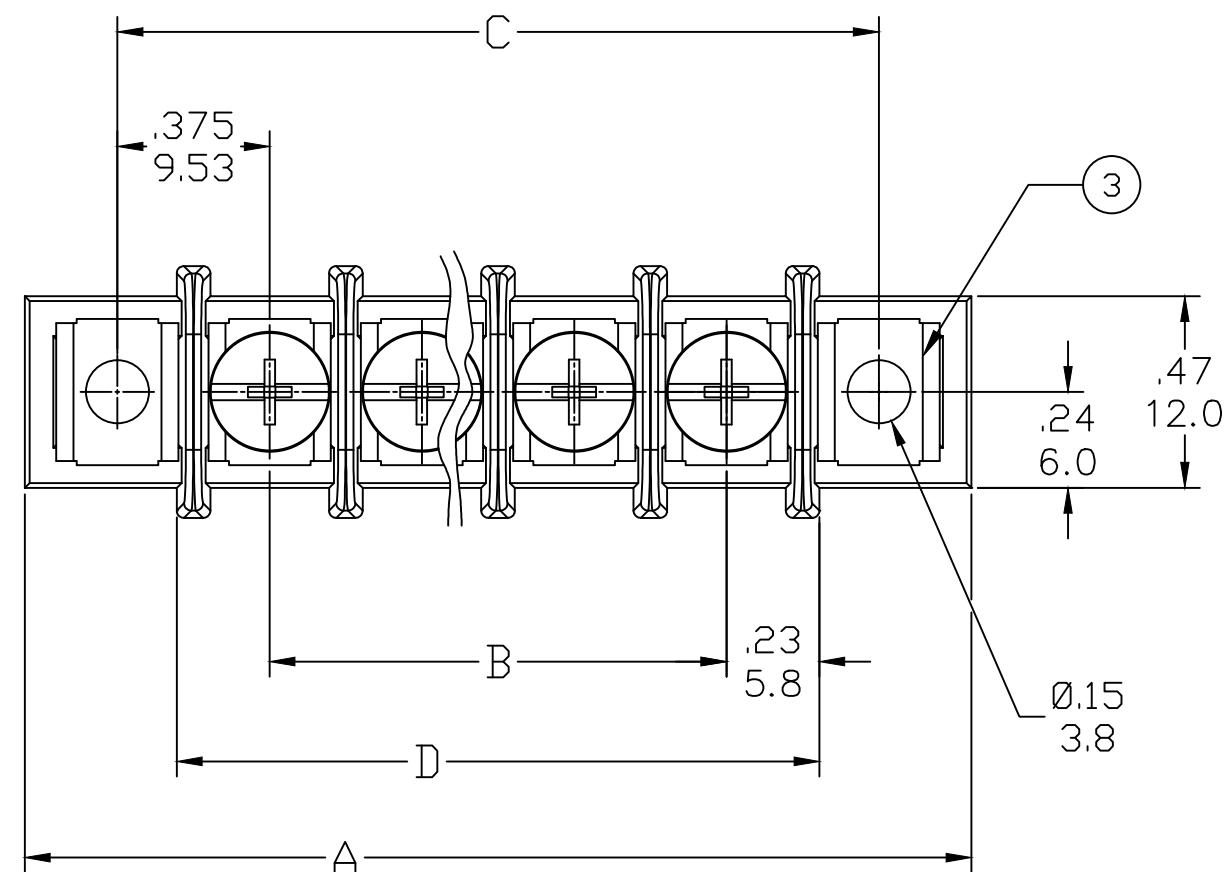
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SD-38721-003

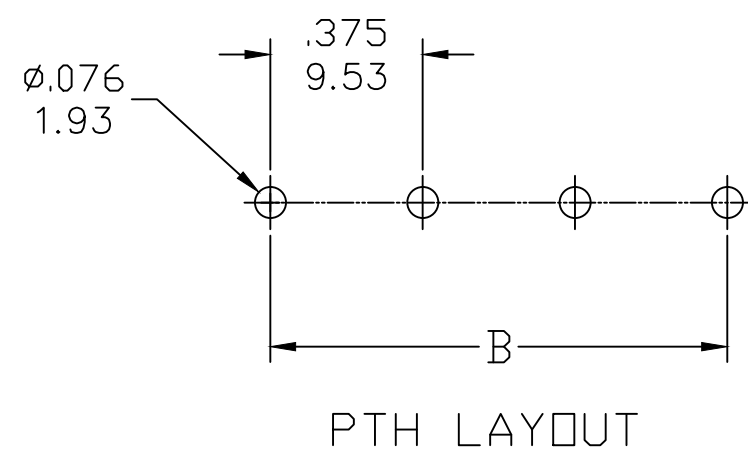
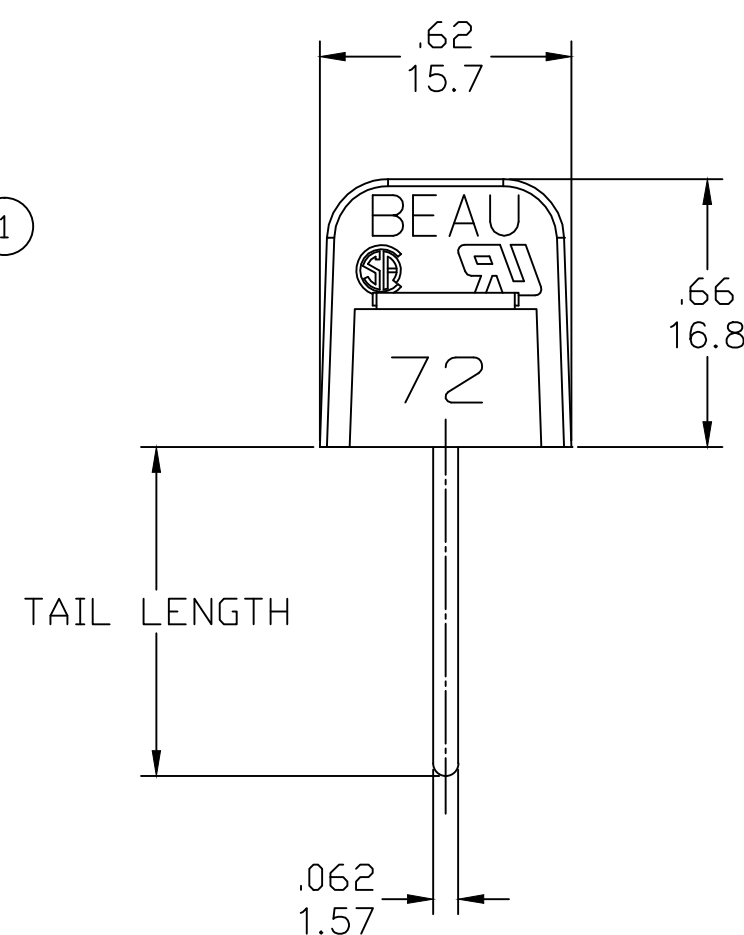
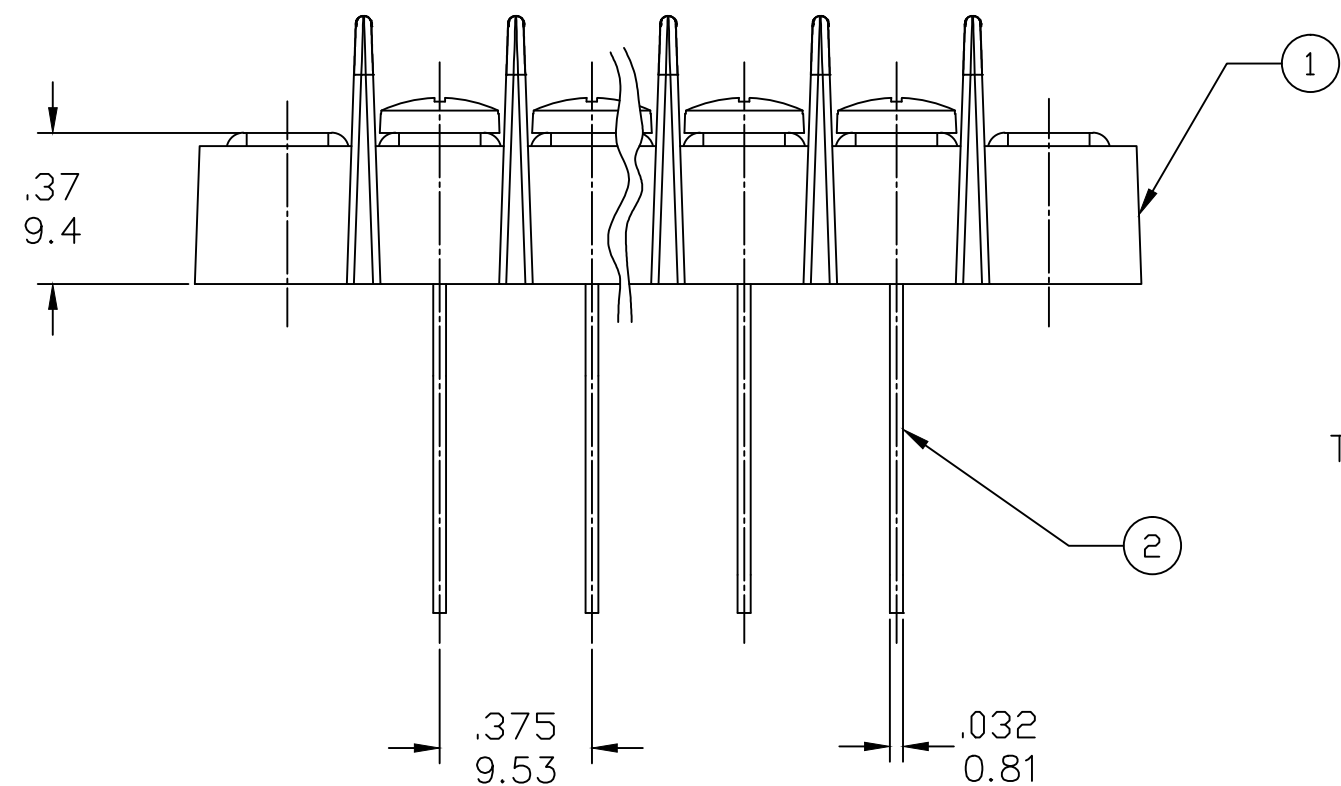
SHEET NO.

2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



PART NUMBER DATA								
CIRCUITS	A IN mm		B IN mm		C IN mm		D IN mm	
2	1.58	40.2	.375	9.52	1.125	28.58	.83	21.1
3	1.96	49.7	.750	19.05	1.500	38.10	1.21	30.7
4	2.33	59.2	1.125	28.58	1.875	47.63	1.58	40.2
5	2.71	68.7	1.500	38.10	2.250	57.15	1.96	49.7
6	3.08	78.3	1.875	47.63	2.625	66.68	2.33	59.2
7	3.46	87.8	2.250	57.15	3.000	76.20	2.71	68.8
8	3.83	97.3	2.625	66.68	3.375	85.73	3.08	78.3
9	4.21	106.8	3.000	76.20	3.750	95.25	3.46	87.8
10	4.58	116.4	3.375	85.73	4.125	104.78	3.83	97.3
11	4.96	125.9	3.750	95.25	4.500	114.30	4.21	106.9
12	5.33	135.4	4.125	104.78	4.875	123.83	4.58	116.4
13	5.71	144.9	4.500	114.30	5.250	133.35	4.96	125.9
14	6.08	154.5	4.875	123.83	5.625	142.88	5.33	135.4
15	6.46	164.0	5.250	133.35	6.000	152.40	5.71	145.0
16	6.83	173.5	5.625	142.88	6.375	161.93	6.08	154.5
17	7.21	183.0	6.000	152.40	6.750	171.45	6.46	164.0
18	7.58	192.6	6.375	161.93	7.125	180.98	6.83	173.5
19	7.96	202.1	6.750	171.45	7.500	190.50	7.21	183.1
20	8.33	211.6	7.125	180.98	7.875	200.03	7.58	192.6
21	8.71	221.1	7.500	190.50	8.250	209.55	7.96	202.1
22	9.08	230.7	7.875	200.03	8.625	219.08	8.33	211.6
23	9.46	240.2	8.250	209.55	9.000	228.60	8.71	221.2
24	9.83	249.7	8.625	219.08	9.375	238.13	9.08	230.7
25	10.21	259.2	9.000	228.60	9.750	247.65	9.46	240.2
26	10.58	268.8	9.375	238.13	10.125	257.18	9.83	249.7



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: PS-38710-001
4. "XX" REFERS TO THE QUANTITY OF CIRCUITS
5. DIMS SHOWN ARE FOR REFERENCE ONLY

PART NUMBER LEGEND

ENG NO. 72 7 XX XX-XX

Diagram of a terminal block with labels for SERIES, TERMINAL STYLE, WIRE WRAP (WW), POLES: SEE CHART, TAIL LENGTH, and OPTION.

SERIES

TAIL LENGTH

TERMINAL STYLE

WIRE WRAP (WW)

POLES: SEE CHART

OPTION:

-47=.47/11.9 (STD)

-55=.54/13.7

-75=.75/19.1

-81=.81/20.6

SAP P/N SERIES: 3872122XX= STD

SAP P/N SERIES: 3872128XX= -49

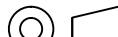
SAP P/N SERIES: 3872134XX= -50

SAP P/N SERIES: 38729____= -81

-49 (BRASS PHIL-SLOT SCREW)

-50 (SCREW WITH CLAMP WASHER)

6	XX	#6-32 PH/SLOTTED SCREW (OPTION -50)	STEEL	ZN, CLEAR CHROMATE
5	XX	#6-32 PH/SLOTTED SCREW (OPTION -49)	BRASS	NICKEL PLATE
4	XX	#6-32 PH/SLOTTED SCREW (STD)	STEEL	ZN, CLEAR CHROMATE
3	2	MOUNTING PLATE	BRASS	NICKEL PLATE
2	XX	TERMINAL	BRASS	TIN PLATE
1	1	BARRIER TERMINAL STRIP	PBT	BLACK
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH

RELEASED	EC NO: IPG2015-0118	DESCRIPTION	QUALITY SYMBOL ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION			
	DRWN: RSTONE			2014/07/17		mm	INCH	DRAWN BY	DATE	TITLE SR BTS WW ASSY .375 PITCH WITH MOUNTING ENDS				
	CH'KD: BARDEN			2014/07/23	4 PLACES	±---	±---	RSTONE	2014/07/17					
	APPR: JFMURPHY			2014/08/02	3 PLACES	±---	±.005	CHECKED BY	DATE					
					2 PLACES	±0.13	±.01	BARDEN	----					
					1 PLACE	±0.3	±---	APPROVED BY	DATE	molex MOLEX INCORPORATED				
					ANGULAR ±---°			JFMURPHY	2014/08/02					
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE PART LEGEND				DOCUMENT NO. SD-38721-010	SHEET NO. 1 OF 1	
	A			REV				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

Mouser Electronics

Authorized Distributor

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