

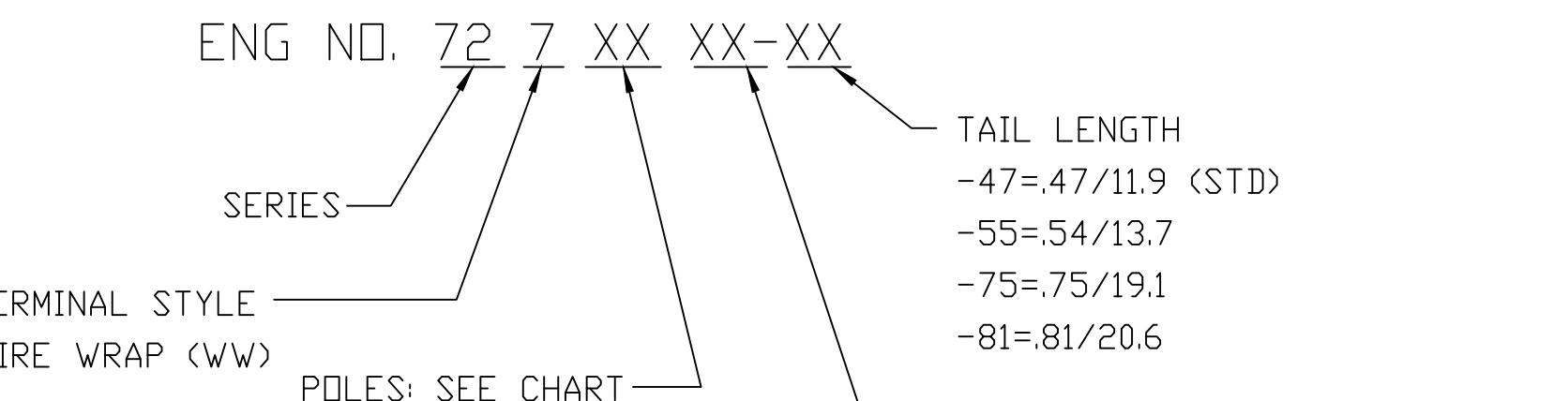
## NOTES:

1. MATERIAL: SEE TABLE
2. ASSEMBLY MUST MEET BEAU WORKMANSHIP STANDARD ES-19900-059
3. PRODUCT SPECIFICATION: PS-38710-001
4. SEE SAP BOM FOR COMPONENT PART NUMBERS
5. "XX" REFERS TO THE QUANTITY OF CIRCUITS

## PART NUMBER DATA

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

## PART NUMBER LEGEND



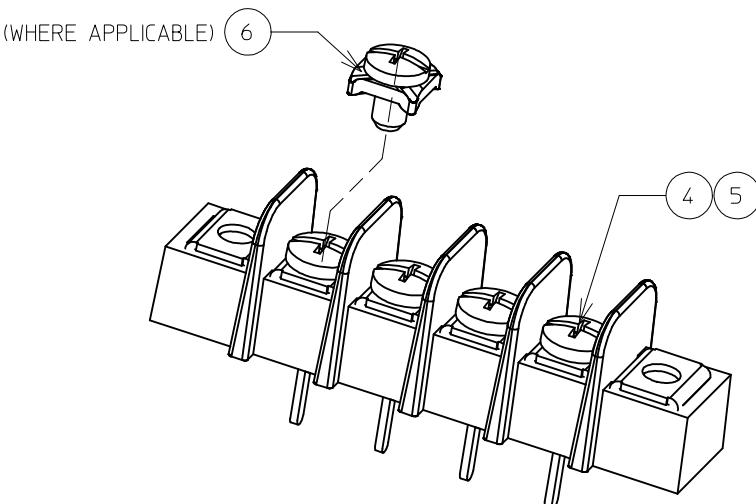
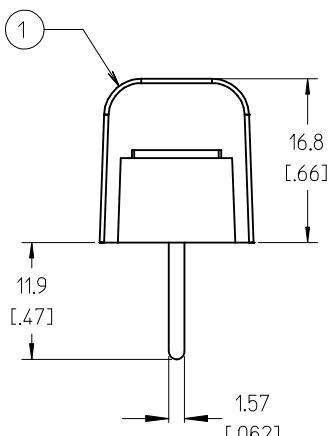
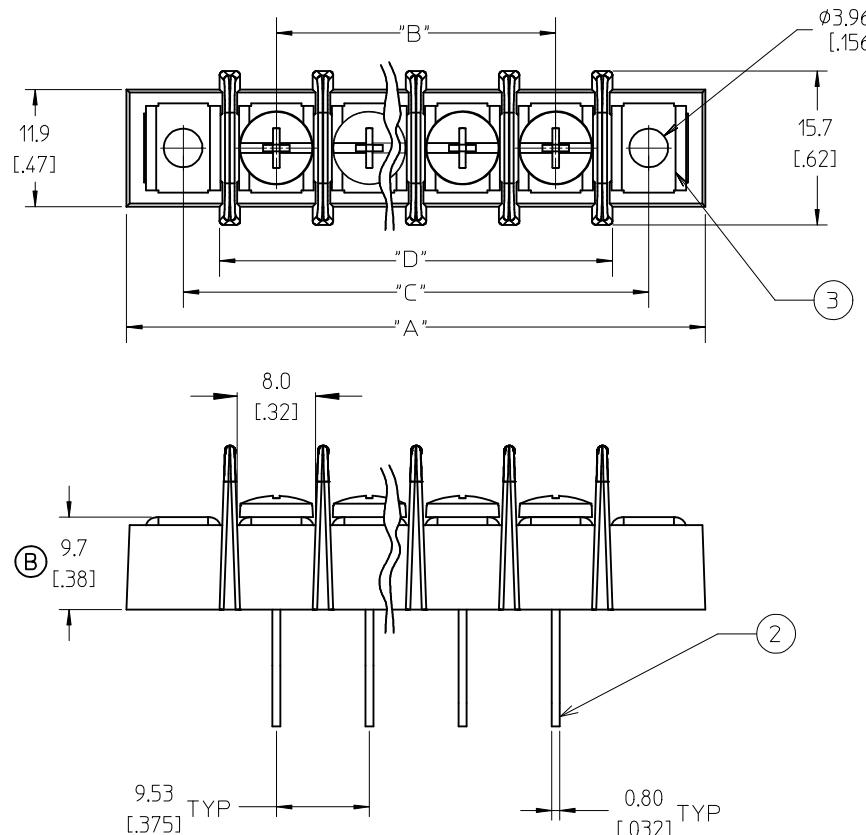
SAP P/N SERIES: 3872122XX= STD  
 SAP P/N SERIES: 3872128XX= -49  
 SAP P/N SERIES: 3872134XX= -50  
 SAP P/N SERIES: 38729\_\_\_\_= -81

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

REF. THIS DRAWING SUPERSEDES E-78721-003 REV-B

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	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		CHKD: BARDEN	APPR: JFMURPHY	2014/08/02		▼=0	mm	INCH	DRAWN BY RSTONE	DATE 2014/07/18		
						▲=0	4 PLACES	±---	CHECKED BY	DATE		
						▼=0	3 PLACES	±---	----	----		
						▼=0	2 PLACES	±0.13	----	----		
						▼=0	1 PLACE	±0.3	----	----		
						▼=0	ANGULAR ±---°		APPROVED BY JFMURPHY	DATE 2014/08/02	molex	MOLEX INCORPORATED
						▼=0	DRAFT WHERE APPLICABLE		MATERIAL NO.	DOCUMENT NO.		
						▼=0	MUST REMAIN WITHIN DIMENSIONS		SEE PART LEGEND	E-38721-010		SHEET NO. 1 OF 1
ITEM	QTY	DESCRIPTION	MATERIAL NO.	ENGINEERING NO.		▼=0	SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
13	12	11	10	9	8	▼=0						



PERSPECTIVE VIEW  
4 CIRCUIT SHOWN

## NOTES:

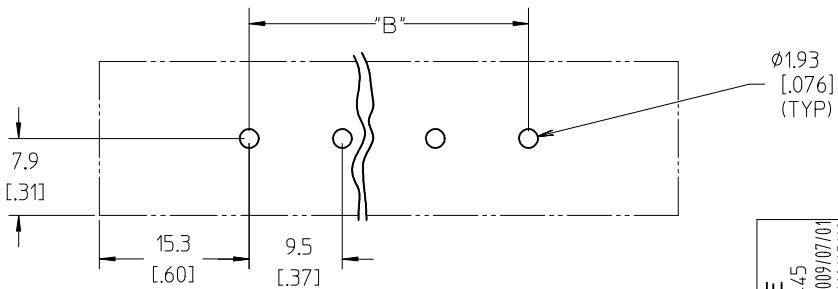
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: NONE
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
7. ALL COMPONENTS ARE ROHS COMPLIANT.

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH	UPDATE TERM. HEIGHT DIM.		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					EC NO: WNA 2009-0445	DRW: JENCLINAS		mm	INCH	DRAWN BY C. YORK	DATE 2006/03/24			
6	XX	#6-32 PH/SLOTTED SCREW (OPTION -50)	STEEL	ZN, CLEAR CHROMATE				4 PLACES	$\pm$ ---	$\pm$ ---				
5	XX	#6-32 PH/SLOTTED SCREW (OPTION -49)	BRASS	NICKEL PLATE				3 PLACES	$\pm$ ---	$\pm$ .005	CHECKED BY RDEROSS	DATE 2006/03/24		
4	XX	#6-32 PH/SLOTTED SCREW (STD)	STEEL	ZN, CLEAR CHROMATE				2 PLACES	$\pm$ .13	$\pm$ .01	APPROVED BY RDEROSS	DATE 2006/03/24		
3	2	MOUNTING PLATE	BRASS	NICKEL PLATE				1 PLACE	$\pm$ 0.3	$\pm$ ---				
2	XX	TERMINAL	BRASS	TIN PLATE				ANGULAR	$\pm$ 2°					
1	1	BARRIER TERMINAL STRIP	PBT	BLACK				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-38721-003	SHEET NO. 1 OF 2		
tb_frame_B_P_ME_T Rev. D 2004/04/02														

SIZE B 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 [1.58]	9.53 [.375]	28.6 [1.13]	211 [.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 DRW: JENCLAS CHKD: CYORK APPR: JMANELL B REV: 6		QUALITY SYMBOLS ▼=0 ▼=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
4 PLACES	± ---		± ---	DRAWN BY C. YORK	DATE 2006/03/24				
3 PLACES	± ---	± .005	CHECKED BY RDEROSS	DATE 2006/03/24					
2 PLACES	± 0.13	± .01	APPROVED BY RDEROSS	DATE 2006/03/24					
1 PLACE	± 0.3	± ---	ANGULAR ± 2 °						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE CHART	DOCUMENT NO. SD-38721-003	SHEET NO. 2 OF 2		
B					SIZE 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
3	1.96	49.7	.750	19.05
4	2.33	59.2	1.125	28.58
5	2.71	68.7	1.500	38.10
6	3.08	78.3	1.875	47.63
7	3.46	87.8	2.250	57.15
8	3.83	97.3	2.625	66.68
9	4.21	106.8	3.000	76.20
10	4.58	116.4	3.375	85.73
11	4.96	125.9	3.750	95.25
12	5.33	135.4	4.125	104.78
13	5.71	144.9	4.500	114.30
14	6.08	154.5	4.875	123.83
15	6.46	164.0	5.250	133.35
16	6.83	173.5	5.625	142.88
17	7.21	183.0	6.000	152.40
18	7.58	192.6	6.375	161.93
19	7.96	202.1	6.750	171.45
20	8.33	211.6	7.125	180.98
21	8.71	221.1	7.500	190.50
22	9.08	230.7	7.875	209.55
23	9.46	240.2	8.250	219.08
24	9.83	249.7	8.625	228.60
25	10.21	259.2	9.000	238.13
26	10.58	268.8	9.375	247.65

**PART NUMBER LEGEND**

ENG NO. 72 7 XX XX-XX

TAIL LENGTH: .47 = .47/11.9 (STD)  
                   .54 = .54/13.7  
                   .75 = .75/19.1  
                   .81 = .81/20.6

SERIES: -49 = BRASS PHIL-SLOT SCREW  
                   -50 = SCREW WITH CLAMP WASHER

TERMINAL STYLE: WIRE WRAP (WW)

POLES: SEE CHART

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

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

PTH LAYOUT

REF. THIS DRAWING SUPERSEDES SD-78721-003 REV-B

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
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 DRWN: RSTONE 2014/07/17 CHKD: BARDEN 2014/07/23 APPR: JFMURPHY 2014/08/02

QUALITY SYMBOL:  $\nabla=0$   $\nabla C=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm	INCH
4 PLACES	$\pm---$
3 PLACES	$\pm---$
2 PLACES	$\pm 0.13$
1 PLACE	$\pm 0.3$

DIMENSION STYLE: IN/MM

DRAWN BY: RSTONE DATE: 2014/07/17

CHECKED BY: BARDEN DATE: ----

APPROVED BY: JFMURPHY DATE: 2014/08/02

ANGULAR:  $\pm---$

DRAFT WHERE APPLICABLE  
MATERIAL NO. SEE PART LEGEND

REV: A

MOLEX INCORPORATED

THIRD ANGLE PROJECTION

SR BTS WW ASSY  
.375 PITCH WITH  
MOUNTING ENDS

DOCUMENT NO. SD-38721-010

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex](#):

[38721-2820](#)