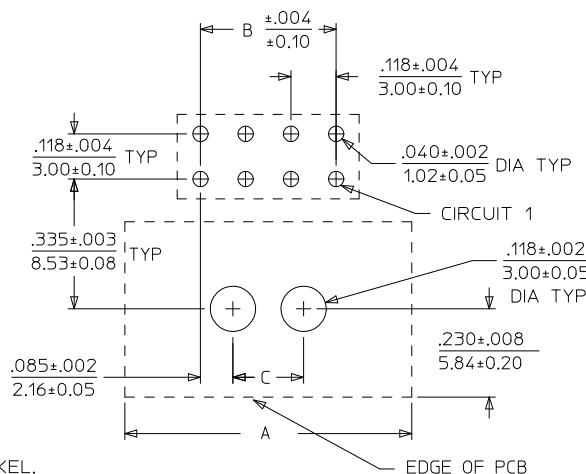
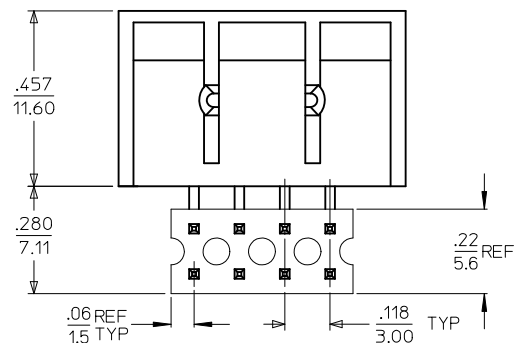
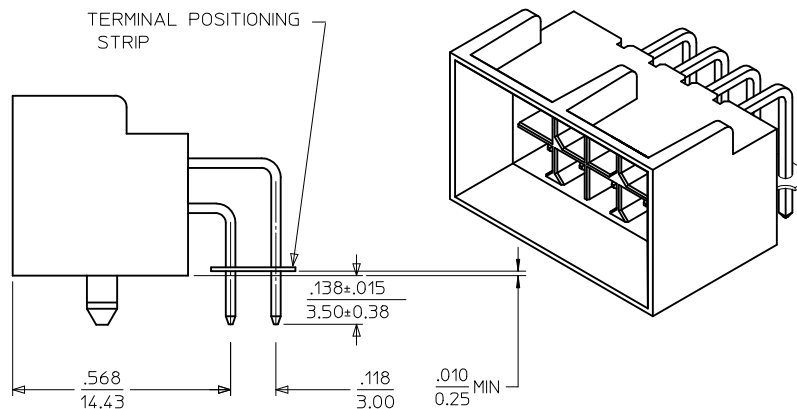
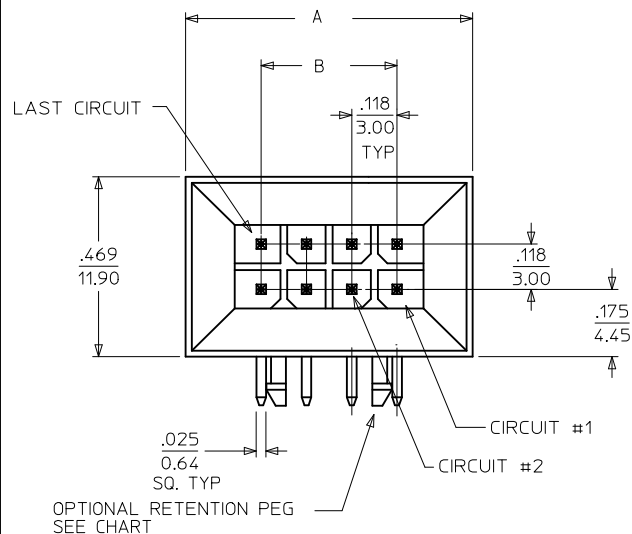
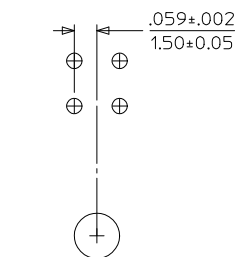


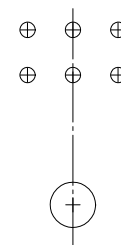


PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS .062/1.57

8 THRU 24 CIRCUITS



PCB LAYOUT:
COMPONENT SIDE
4 CIRCUIT ONLY



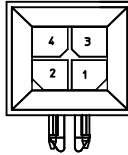
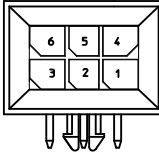
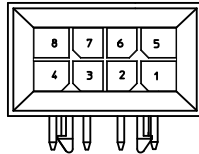
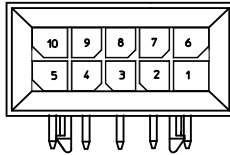
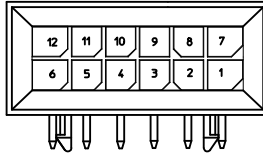
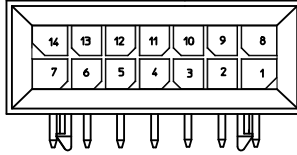
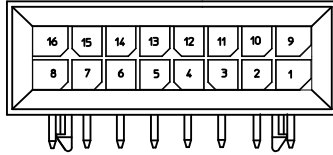
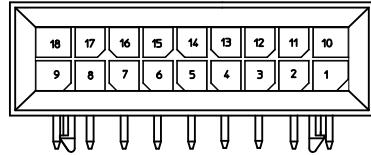
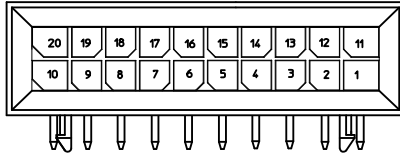
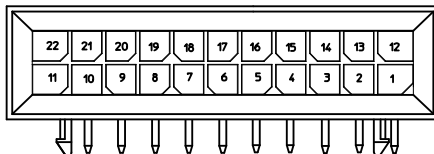
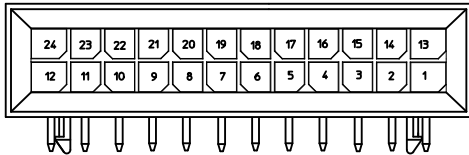
PCB LAYOUT:
COMPONENT SIDE
6 CIRCUIT ONLY

CIRCUIT SIZE	A	B	C
04	.512 13.00	.118 3.00	NA
06	.630 16.00	.236 6.00	NA
08	.748 19.00	.354 9.00	.184 4.68
10	.866 22.00	.472 12.00	.302 7.68
12	.984 25.00	.590 15.00	.420 10.68
14	1.102 28.00	.709 18.00	.539 13.68
16	1.220 31.00	.827 21.00	.657 16.68
18	1.338 34.00	.945 24.00	.775 19.68
20	1.457 37.00	1.063 27.00	.893 22.68
22	1.575 40.00	1.181 30.00	1.011 25.68
24	1.693 43.00	1.299 33.00	1.129 28.68

NOTES :

- MATERIALS -
HOUSING : NYLON , GLASS-FILLED, UL94V-0 COLOR - BLACK
TERMINAL : BRASS ALLOY
TERMINAL POSITIONING STRIP : MYLAR, COLOR - NATURAL
- FINISH:
A= .000200/(0.00508) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL.
B= .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA,
.000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS,
BOTH OVER .000050/(0.00127) MIN. NICKEL.
C= .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA,
.000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS,
BOTH OVER .000050/(0.00127) MIN. NICKEL.
D= .000100/(0.00254) MIN MATTE TIN OVER .000050/(0.00127) MIN NICKEL.
- PRODUCT SPECIFICATION : PS-44300-001
- PACKAGING SPECIFICATION : PK-44428-001
- THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE (SEE DRAWING SD-44133-001) WITH FEMALE CRIMP TERMINAL (SEE DRAWING SD-43030-****) AND BMI RECEPTACLE HEADERS (SEE DRAWING SD-44764-001 OR SD-44769-001).
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ADD 'D' FINISH EC NO: UCP2011-1161 DRAWN:MARANI 2010/10/22 CHKD:SSOUSEK 2010/10/22 APPR:FSMITH 2010/11/01 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± .25 ± .015 1 PLACE ± .38 ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE MUELLER 1999/11/29 CHECKED BY DATE MUELLER 1999/11/29 APPROVED BY DATE FSMITH 2010/11/01 MATERIAL NO. SEE CHART SIZE C	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION MICRO FIT (3.0) DUAL ROW RIGHT ANGLE BMI HEADER ASS'Y MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-44428-001 SHEET NO. 1 OF 2

13		12		11		10		9		8		7		6		5		4		3		2		1	
MATERIAL NUMBER		NUMBER OF CIRCUITS		FINISH OPTION		RETENTION PEG OPTION		MATERIAL NUMBER		NUMBER OF CIRCUITS		FINISH OPTION		RETENTION PEG OPTION											
J	44428-0401	04	A	YES	44428-1601	16	A	YES	POLARIZATION LAYOUT 4-24 CIRCUITS  4 CIRCUIT  6 CIRCUIT  8 CIRCUIT  10 CIRCUIT  12 CIRCUIT  14 CIRCUIT  16 CIRCUIT  18 CIRCUIT  20 CIRCUIT  22 CIRCUIT  24 CIRCUIT																
	44428-0402	04	B	YES	44428-1602	16	B	YES																	
	44428-0403	04	C	YES	44428-1603	16	C	YES																	
	44428-0404	04	A	NO	44428-1604	16	A	NO																	
I	44428-0405	04	B	NO	44428-1605	16	B	NO																	
	44428-0406	04	C	NO	44428-1606	16	C	NO																	
	44428-0407	04	D	YES	44428-1607	16	D	YES																	
	44428-0601	06	A	YES	44428-1801	18	A	YES																	
H	44428-0602	06	B	YES	44428-1802	18	B	YES																	
	44428-0603	06	C	YES	44428-1803	18	C	YES																	
	44428-0604	06	A	NO	44428-1804	18	A	NO																	
	44428-0605	06	B	NO	44428-1805	18	B	NO																	
G	44428-0606	06	C	NO	44428-1806	18	C	NO																	
	44428-0607	06	D	YES	44428-1807	18	D	YES																	
	44428-0801	08	A	YES	44428-2001	20	A	YES																	
	44428-0802	08	B	YES	44428-2002	20	B	YES																	
F	44428-0803	08	C	YES	44428-2003	20	C	YES																	
	44428-0804	08	A	NO	44428-2004	20	A	NO																	
	44428-0805	08	B	NO	44428-2005	20	B	NO																	
	44428-0806	08	C	NO	44428-2006	20	C	NO																	
E	44428-0807	08	D	YES	44428-2007	20	D	YES																	
	44428-1001	10	A	YES	44428-2201	22	A	YES																	
	44428-1002	10	B	YES	44428-2202	22	B	YES																	
	44428-1003	10	C	YES	44428-2203	22	C	YES																	
D	44428-1004	10	A	NO	44428-2204	22	A	NO																	
	44428-1005	10	B	NO	44428-2205	22	B	NO																	
	44428-1006	10	C	NO	44428-2206	22	C	NO																	
	44428-1007	10	D	YES	44428-2207	22	D	YES																	
C	44428-1201	12	A	YES	44428-2401	24	A	YES																	
	44428-1202	12	B	YES	44428-2402	24	B	YES																	
	44428-1203	12	C	YES	44428-2403	24	C	YES																	
	44428-1204	12	A	NO	44428-2404	24	A	NO																	
B	44428-1205	12	B	NO	44428-2405	24	B	NO																	
	44428-1206	12	C	NO	44428-2406	24	C	NO																	
	44428-1207	12	D	YES	44428-2407	24	D	YES																	
	44428-1401	14	A	YES																					
A	44428-1402	14	B	YES																					
	44428-1403	14	C	YES																					
	44428-1404	14	A	NO																					
	44428-1405	14	B	NO																					
A	44428-1406	14	C	NO																					
	44428-1407	14	D	YES																					

ADD 'D' FINISH

EC NO: UCP2011-161

DRWN:GMARANANI 2010/10/22

CHKD:SSOUSEK 2010/10/22

APPR:FSMITH 2010/11/01

H4

REV

DESCRIPTION

QUALITY
SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± .010

2 PLACES ± 0.25 ± .015

1 PLACE ± 0.38 ± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY DATE

MUELLER 1999/11/29

CHECKED BY DATE

MUELLER 1999/11/29

APPROVED BY DATE

FSMITH 2010/11/01

MATERIAL NO.

SEE CHART

SIZE

C

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

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

TITLE

MICRO FIT (3.0)
DUAL ROW RIGHT ANGLE
BMI HEADER ASS'Y

molex

MOLEX INCORPORATED

DOCUMENT NO.

SD-44428-001

SHEET NO.

2 OF 2

12		11		10		9		8		7		6		5		4		3		2		1	
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1b_frame_C_P_ME_T
Rev. F 2009/06/18