

PCB LAYOUT:  
COMPONENT SIDE  
4 CIRCUIT ONLY

PCB LAYOUT:  
COMPONENT SIDE  
6 CIRCUIT ONLY

PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS .062/1.57  
8 THRU 24 CIRCUITS

NOTES :

- MATERIALS -  
HOUSING : LCP, GLASS-FILLED, UL94V-0 COLOR - BLACK  
TERMINAL : BRASS ALLOY  
TERMINAL POSITIONING STRIP : HIGH TEMPERATURE PET LAMINATE  
COLOR - NATURAL
- FINISH:  
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 SERIES 44133 WITH FEMALE CRIMP TERMINAL SERIES 43030 OR 46235, OR BMI RECEPTACLE HEADER SERIES 44764 (RIGHT ANGLE) AND 44769 (VERTICAL).
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

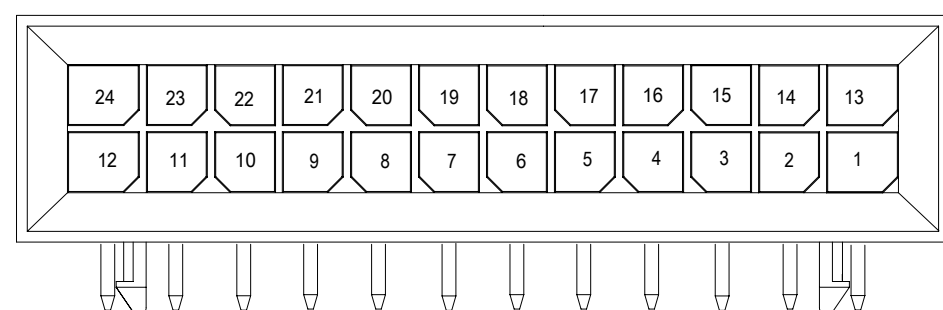
CIRCUIT SIZE	A	B	C
04	.512 13.00	.118 3.00	NA
06	.630 16.00	.236 6.00	NA
08	.748 19.00	.354 9.00	.184 4.68
10	.866 22.00	.472 12.00	.302 7.68
12	.984 25.00	.590 15.00	.420 10.68
14	1.102 28.00	.709 18.00	.539 13.68
16	1.220 31.00	.827 21.00	.657 16.68
18	1.338 34.00	.945 24.00	.775 19.68
20	1.457 37.00	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

SYMBOLS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
▽ = 0	IN/MM	SCALE	4:1	CURRENT REV DESC: CHANGE OVERALL BRIGHT TIN FINISH PARTS TO MATTE TIN FINISH			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 635347			
▽ = 0		MM	INCH	DRWN: JEHRISMAN 2020/01/09			
▽ = 0	4 PLACES	±	±	CHK'D: SSOUSEK 2021/08/27			
▽ = 0	3 PLACES	±	± 0.01	APPR: FSMITH 2021/08/27			
▽ = 0	2 PLACES	± 0.25	± 0.015	INITIAL REVISION:			
▽ = 0	1 PLACE	± 0.38	±	DRWN: GMARANANI 2010/06/11			
▽ = 0	0 PLACES	±	±	APPR: FSMITH 2016/02/15			
▽ = 0	ANGULAR TOL	± 0.5 °		THIRD ANGLE PROJECTION			
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING		SERIES	
				C-SIZE	44428		
DOCUMENT STATUS		P1	RELEASE DATE	2021/08/27	15:33:28		
DOCUMENT NUMBER		CUSTOMER		DOC TYPE		DOC PART	
SD-44428-007		GENERAL MARKET		PSD		001 B	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		1 OF 3	
SEE TABLE		GENERAL MARKET		1 OF 3			

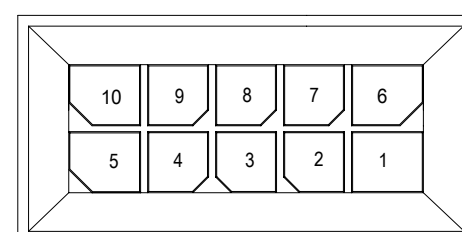


POLARIZATION LAYOUT

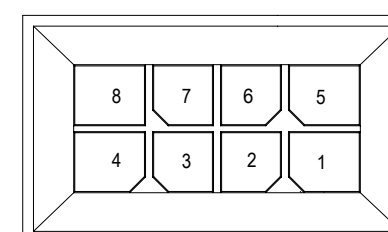
4-24 CIRCUITS



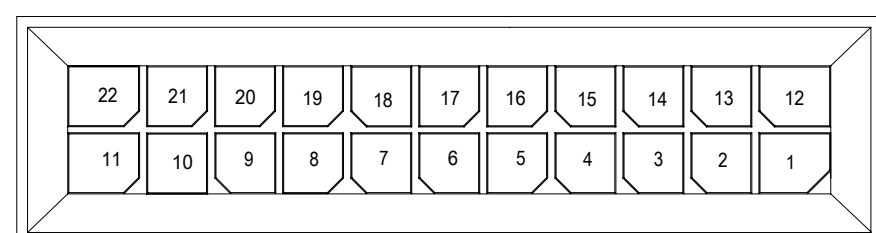
24 CIRCUIT



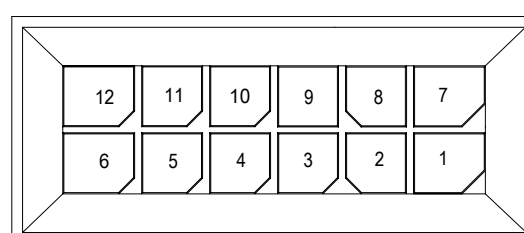
10 CIRCUIT



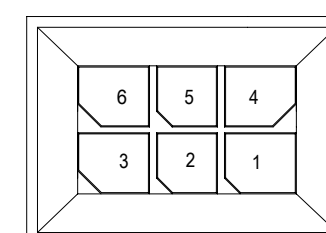
8 CIRCUIT



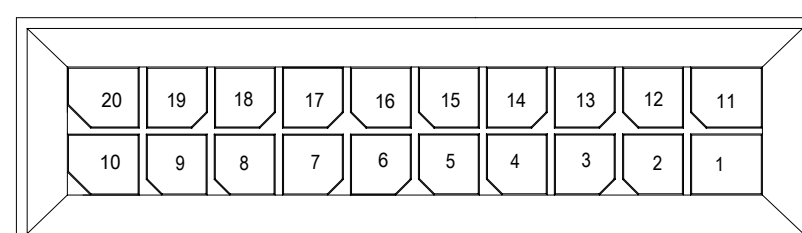
22 CIRCUIT



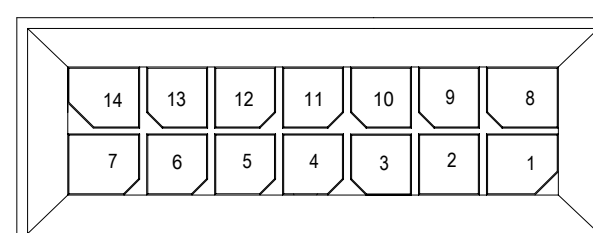
12 CIRCUIT



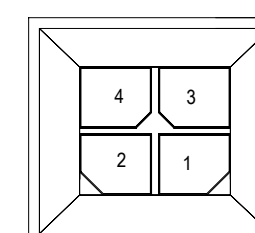
6 CIRCUIT



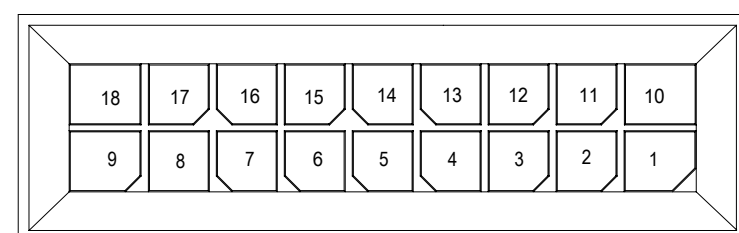
20 CIRCUIT



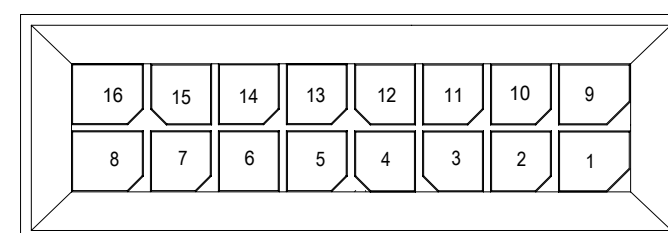
14 CIRCUIT



4 CIRCUIT



18 CIRCUIT



16 CIRCUIT

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS	SCALE		CURRENT REV DESC: CHANGE OVERALL BRIGHT TIN FINISH PARTS TO MATTE TIN FINISH
= 0	IN/MM	4:1		EC NO: 635347 DRWN: JEHRISMAN 2020/01/09 CHK'D: SSOUSEK 2021/08/27 APPR: FSMITH 2021/08/27
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
= 0		MM	INCH	INITIAL REVISION: DRWN: GMARANANI 2010/06/11 APPR: FSMITH 2016/02/15
= 0	4 PLACES	±	±	
= 0	3 PLACES	±	± 0.01	THIRD ANGLE PROJECTION DRAWING SERIES C-SIZE 44428
= 0	2 PLACES	± 0.25	± 0.015	
= 0	1 PLACE	± 0.38	±	MATERIAL NUMBER CUSTOMER SHEET NUMBER SEE TABLE GENERAL MARKET 3 OF 3
= 0	0 PLACES	±	±	
= 0	ANGULAR TOL	± 0.5 °		DOCUMENT NUMBER DOC TYPE DOC PART REVISION SD-44428-007 PSD 001 B
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

**molex**

MICRO FIT (3.0) BMI DUAL ROW LOW HALOGEN RIGHT ANGLE HEADER

PRODUCT CUSTOMER DRAWING