

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
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC: CHANGE OVERALL BRIGHT TIN FINISH PARTS TO MATTE TIN FINISH
▽ = 0		MM	INCH
▽ = 0	4 PLACES	±	±
▽ = 0	3 PLACES	±	± 0.01
▽ = 0	2 PLACES	± 0.25	± 0.015
▽ = 0	1 PLACE	± 0.38	±
▽ = 0	0 PLACES	±	±
▽ = 0	ANGULAR TOL	± 0.5 °	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
DOCUMENT STATUS		DRW: JEHRISMAN	2020/01/09
P1		CHK'D: SSOUSEK	2021/08/27
RELEASE DATE		APPR: FSMITH	2021/08/27
2021/08/27		INITIAL REVISION:	
15:33:28		DRW: GMARANANI	2010/06/11
		APPR: FSMITH	2016/02/15
		DRAWING	SERIES
		C-SIZE	44428
		MATERIAL NUMBER	
		SEE TABLE	
		CUSTOMER	
		GENERAL MARKET	
		SHEET NUMBER	
		1 OF 3	

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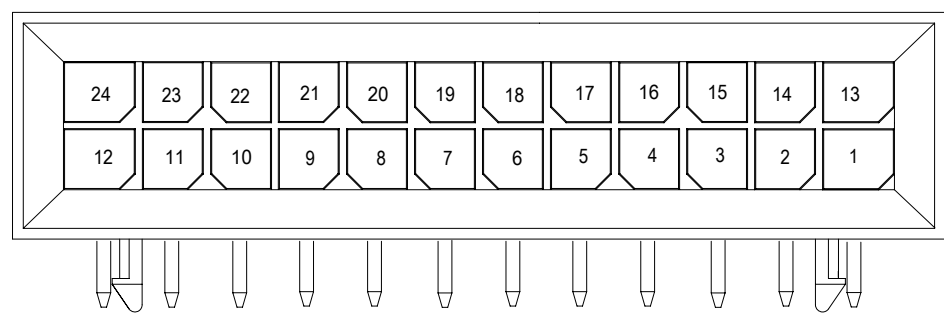
MICRO FIT (3.0) BMI DUAL ROW LOW HALOGEN RIGHT ANGLE HEADER

PRODUCT CUSTOMER DRAWING

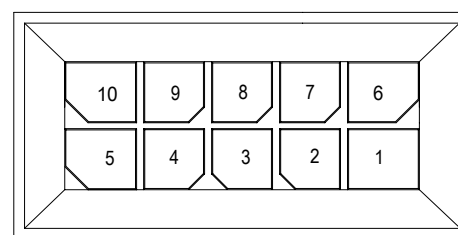
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-44428-007	PSD	001	B

POLARIZATION LAYOUT

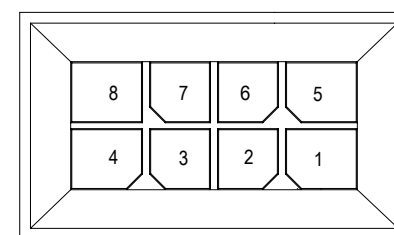
4-24 CIRCUITS



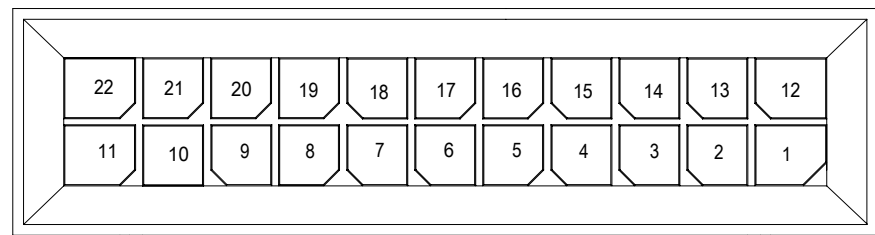
24 CIRCUIT



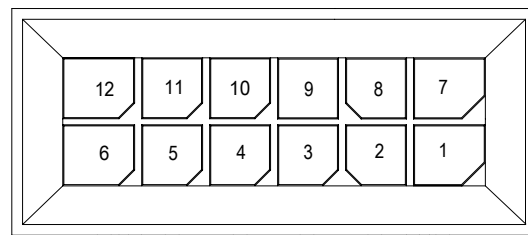
10 CIRCUIT



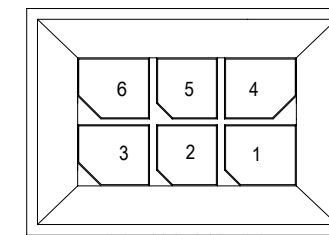
8 CIRCUIT



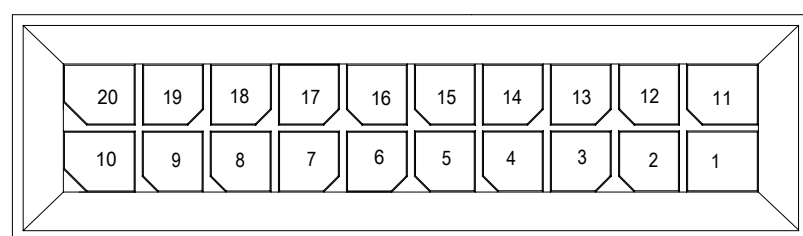
22 CIRCUIT



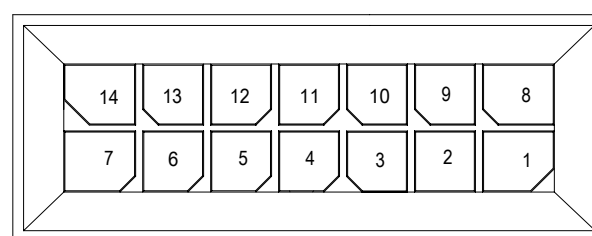
12 CIRCUIT



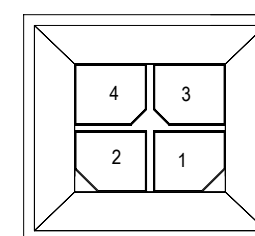
6 CIRCUIT



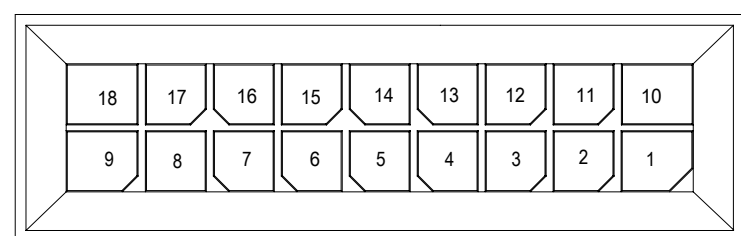
20 CIRCUIT



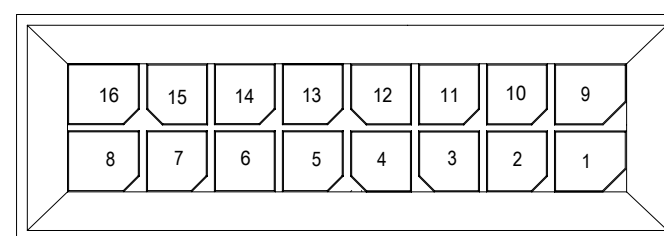
14 CIRCUIT



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	
	IN/MM	4:1		EC NO: 635347	
		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: JEHRISMAN 2020/01/09	
		MM	INCH	CHK'D: SSOUSEK 2021/08/27	
	4 PLACES	±	±	APPR: FSMITH 2021/08/27	
	3 PLACES	±	± 0.01	INITIAL REVISION:	
	2 PLACES	± 0.25	± 0.015	DRWN: GMARANANI 2010/06/11	
	1 PLACE	± 0.38	±	APPR: FSMITH 2016/02/15	
	0 PLACES	±	±	THIRD ANGLE PROJECTION	
	ANGULAR TOL	± 0.5 °		DRAWING	SERIES
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE
					44428

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-44428-007 PSD 001 B

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE TABLE GENERAL MARKET 3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/27	15:33:28
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