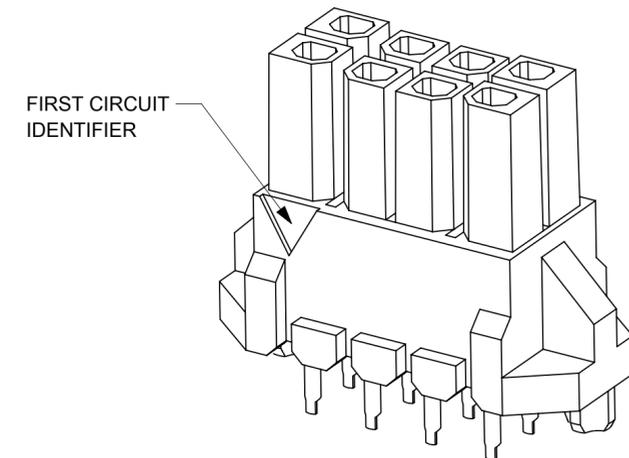
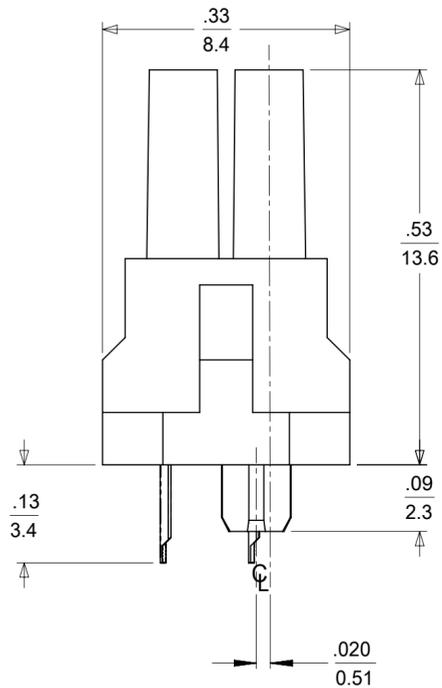
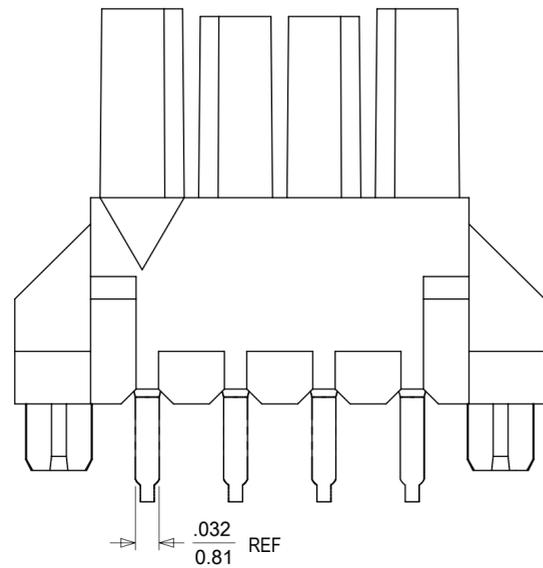


MATED DIMENSIONS  
(FOR ALIGNMENT OF PCB'S IN X & Y DIRECTIONS)



CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"
4	.472/(12.00)	.118/(3.00)	.354/(9.00)
6	.591/(15.00)	.236/(6.00)	.472/(12.00)
8	.709/(18.00)	.354/(9.00)	.591/(15.00)
10	.827/(21.00)	.472/(12.00)	.709/(18.00)
12	.945/(24.00)	.591/(15.00)	.827/(21.00)
14	1.063/(27.00)	.709/(18.00)	.945/(24.00)
16	1.181/(30.00)	.827/(21.00)	1.063/(27.00)
18	1.299/(33.00)	.945/(24.00)	1.181/(30.00)
20	1.417/(36.00)	1.063/(27.00)	1.299/(33.00)
22	1.535/(39.00)	1.181/(30.00)	1.417/(36.00)
24	1.654/(42.00)	1.299/(33.00)	1.535/(39.00)

- NOTES:
- MATERIAL:  
HOUSING: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL 94V-0, COLOR - BLACK  
TERMINALS: PHOSPHOR BRONZE ALLOY
  - FINISH:  
(A) = .000100/0.00254 MIN. TIN OVER  
.000050/0.00127 MIN. NICKEL  
(B) = .000015/0.00038 MIN. SELECTIVE GOLD IN CONTACT AREA,  
.000100/0.00254 MIN. SELECTIVE TIN IN PC TAIL AREA,  
BOTH OVER .000050/0.00127 MIN. NICKEL  
(C) = .000030/0.00076 MIN. SELECTIVE GOLD IN CONTACT AREA,  
.000100/0.00254 MIN. SELECTIVE TIN IN PC TAIL AREA,  
BOTH OVER .000050/0.00127 MIN. NICKEL
  - PRODUCT SPECIFICATIONS: PS-44300-001
  - PACKAGING SPECIFICATION: PK-44769-001.
  - THIS HEADER MATES WITH MOLEX MICRO-FIT BMI HEADER SERIES 45280, 44432, AND 44428, AND MOLEX MICRO-FIT BMI PLUG SERIES 44300.
  - MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 45280, 44432, 44428, OR 44300) FOR TESTING PURPOSES.
  - THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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DIMENSION UNITS	SCALE	CURRENT REV DESC:	<b>molex</b>		
mm	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)			MICRO-FIT (3.0) BMI VERTICAL RECEPTACLE HEADER ASSEMBLY, 4 - 24 CIRCUIT		
	MM	INCH			
4 PLACES	±	±	PRODUCT CUSTOMER DRAWING		
3 PLACES	±	± 0.01			
2 PLACES	± 0.25	± 0.014	DOCUMENT NUMBER		
1 PLACE	± 0.35	±			
0 PLACES	±	±	SD-44769-001		
ANGULAR TOL	± 0.5°				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NUMBER		
THIRD ANGLE PROJECTION			1 OF 2		

EC NO: 809327  
DRWN: ZIXUAQ  
CHK'D: XQZHANG  
APPR: XQZHANG  
2024/12/03  
2025/01/16  
2025/01/16

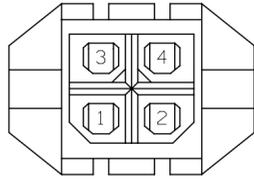
INITIAL REVISION:  
DRWN: BURLESON  
APPR: EDGLEY  
2000/07/13  
2000/07/13

DRAWING SERIES: C-SIZE 44769

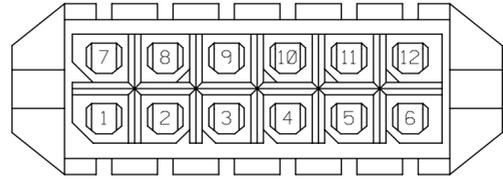
MATERIAL NUMBER: SEE CHART  
CUSTOMER: GENERAL MARKET

DOC TYPE: PSD  
DOC PART: 001  
REVISION: F2

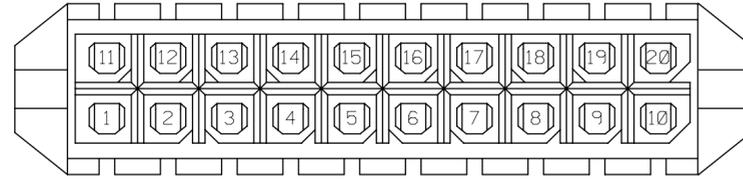
POLARIZATION LAYOUT



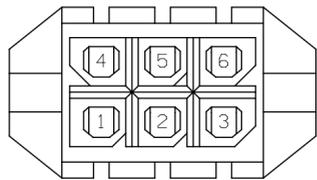
4 CIRCUIT



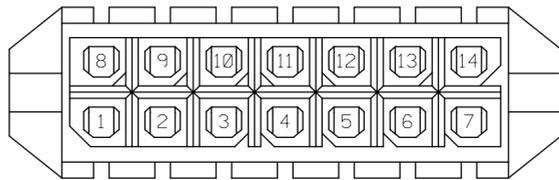
12 CIRCUIT



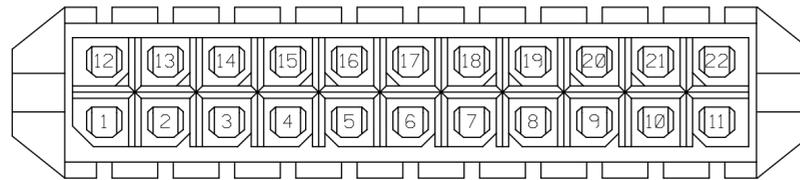
20 CIRCUIT



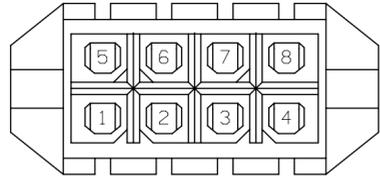
6 CIRCUIT



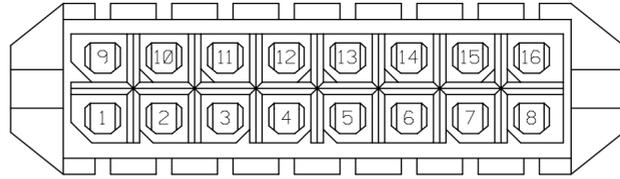
14 CIRCUIT



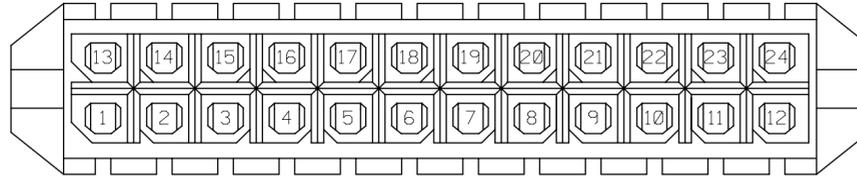
22 CIRCUIT



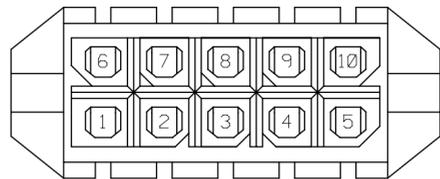
8 CIRCUIT



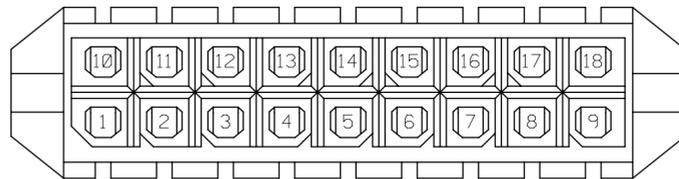
16 CIRCUIT



24 CIRCUIT



10 CIRCUIT



18 CIRCUIT

MATERIAL NUMBER	NUMBER OF POSITIONS	PLATING OPTION
44769-0401	04	A
44769-0402	04	B
44769-0403	04	C
44769-0601	06	A
44769-0602	06	B
44769-0603	06	C
44769-0801	08	A
44769-0802	08	B
44769-0803	08	C
44769-1001	10	A
44769-1002	10	B
44769-1003	10	C
44769-1201	12	A
44769-1202	12	B
44769-1203	12	C
44769-1401	14	A
44769-1402	14	B
44769-1403	14	C
44769-1601	16	A
44769-1602	16	B
44769-1603	16	C
44769-1801	18	A
44769-1802	18	B
44769-1803	18	C
44769-2001	20	A
44769-2002	20	B
44769-2003	20	C
44769-2201	22	A
44769-2202	22	B
44769-2203	22	C
44769-2401	24	A
44769-2402	24	B
44769-2403	24	C

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DIMENSION UNITS	SCALE	CURRENT REV DESC:	<b>molex</b>
mm	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 809327	MICRO-FIT (3.0) BMI VERTICAL RECEPTACLE HEADER ASSEMBLY, 4 - 24 CIRCUIT
	MM INCH	DRWN: ZIXUAQ 2024/12/03	
4 PLACES	± ±	CHK'D: XQZHANG 2025/01/16	PRODUCT CUSTOMER DRAWING
3 PLACES	± ± 0.01	APPR: XQZHANG 2025/01/16	
2 PLACES	± 0.25 ± 0.014	INITIAL REVISION:	DOCUMENT NUMBER
1 PLACE	± 0.35 ±	DRWN: BURLESON 2000/07/13	SD-44769-001
0 PLACES	± ±	APPR: EDGLEY 2000/07/13	DOC TYPE DOC PART REVISION
ANGULAR TOL	± 0.5 °		PSD 001 F2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING SERIES	MATERIAL NUMBER CUSTOMER SHEET NUMBER
		C-SIZE 44769	SEE CHART GENERAL MARKET 2 OF 2