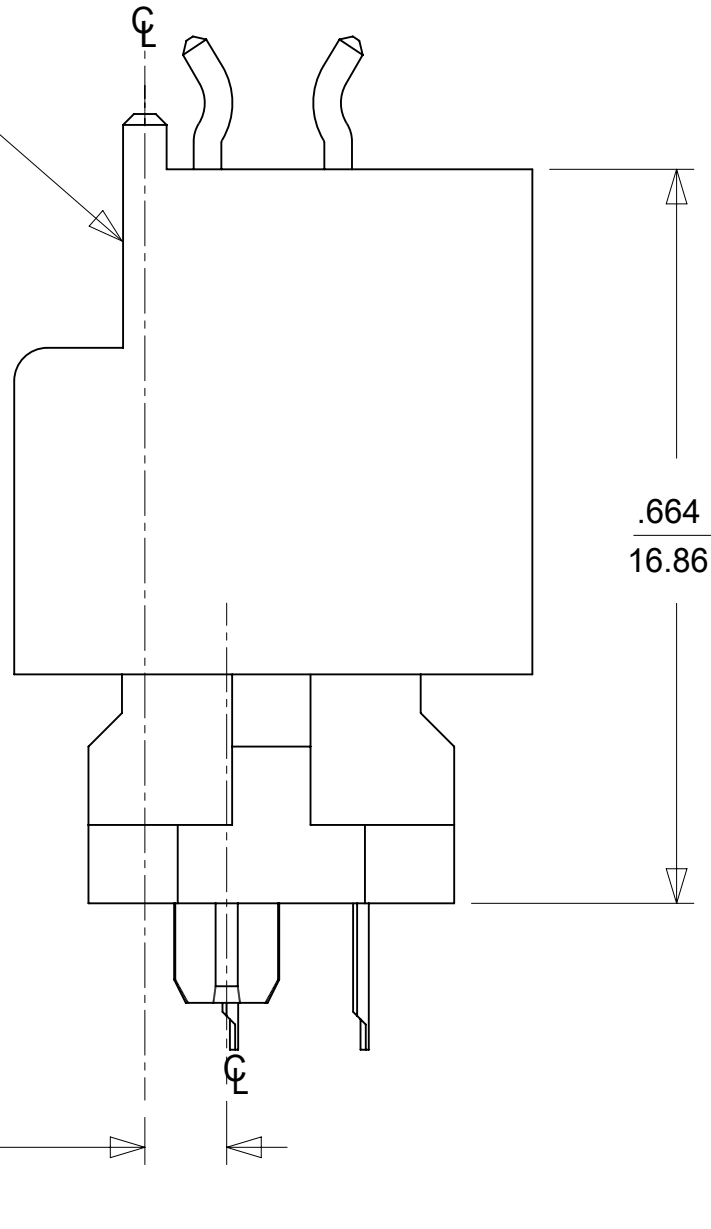
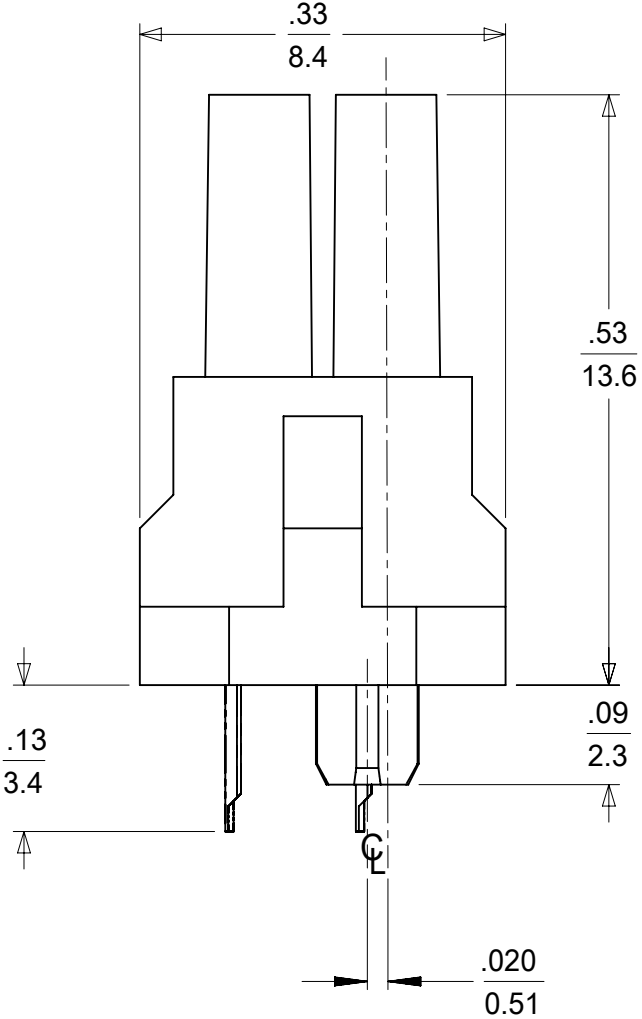
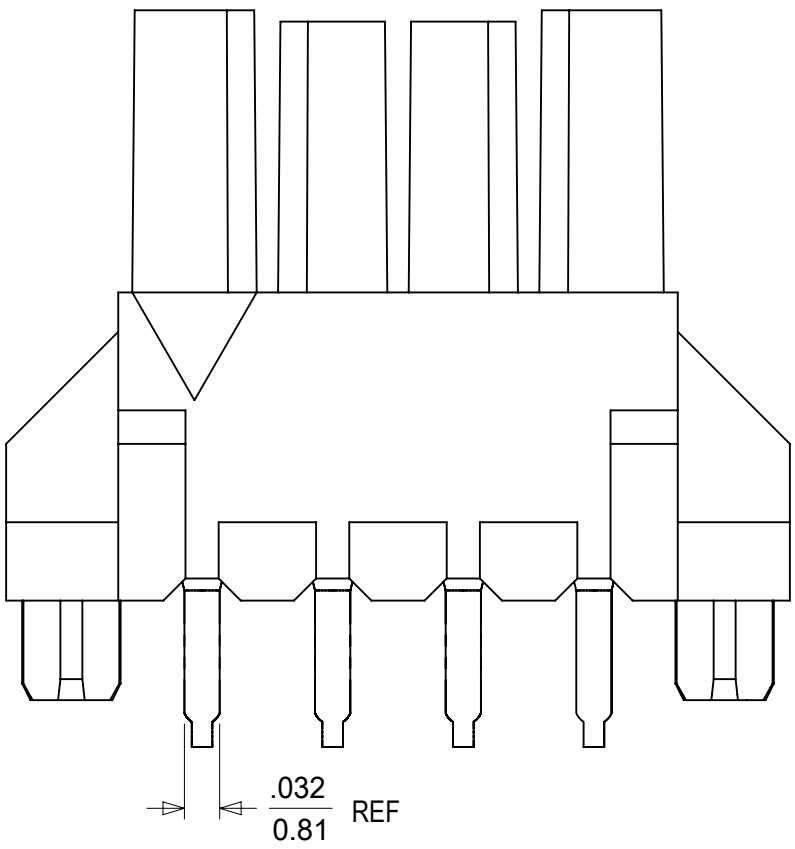


MICRO FIT DUAL ROW
VERTICAL BMI HEADER
44432 SERIES
AND 45280 SERIES

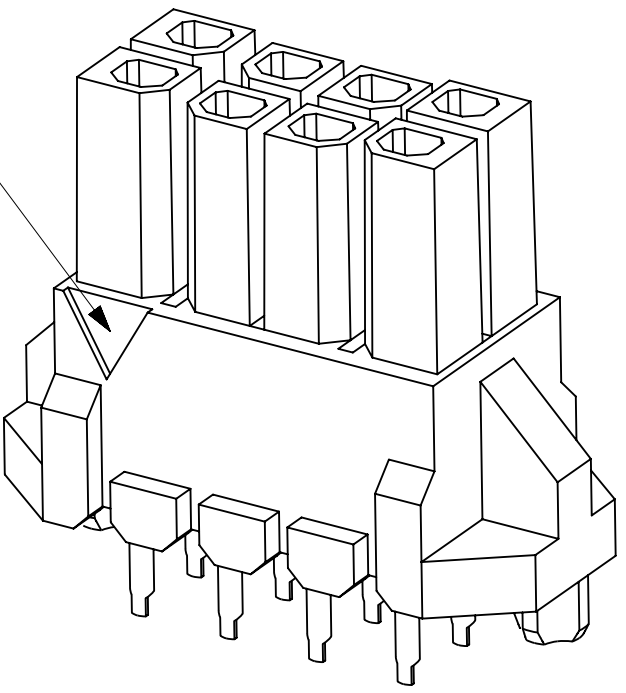


MATED DIMENSIONS

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



FIRST CIRCUI
IDENTIFIER



- 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.

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)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	
mm	NTS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.35	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC:

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

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

44769

mo

lex

MICRO-FIT (3.0) BMI VERTICAL RECEPTACLE
HEADER ASSEMBLY, 4 - 24 CIRCUIT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-44769-001		PSD	001	F2
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
SEE CHART		GENERAL MARKET		1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/16	00:20:28
-----------------	----	--------------	------------	----------

