



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS : .100/(2.54) MAX.

CIRCUIT SIZE	"A"	"B"	C
04	$\frac{.512}{13.00}$	$\frac{.118}{3.00}$	$\frac{.472}{12.00}$
06	$\frac{.630}{16.00}$	$\frac{.236}{6.00}$	$\frac{.590}{15.00}$
08	$\frac{.748}{19.00}$	$\frac{.354}{9.00}$	$\frac{.709}{18.00}$
10	$\frac{.866}{22.00}$	$\frac{.472}{12.00}$	$\frac{.827}{21.00}$
12	$\frac{.984}{25.00}$	$\frac{.590}{15.00}$	$\frac{.945}{24.00}$
14	$\frac{1.102}{28.00}$	$\frac{.709}{18.00}$	$\frac{1.063}{27.00}$
16	$\frac{1.220}{31.00}$	$\frac{.827}{21.00}$	$\frac{1.181}{30.00}$
18	$\frac{1.338}{34.00}$	$\frac{.945}{24.00}$	$\frac{1.299}{33.00}$
20	$\frac{1.457}{37.00}$	$\frac{1.063}{27.00}$	$\frac{1.417}{36.00}$
22	$\frac{1.575}{40.00}$	$\frac{1.181}{30.00}$	$\frac{1.535}{39.00}$
24	$\frac{1.693}{43.00}$	$\frac{1.299}{33.00}$	$\frac{1.653}{42.00}$

MATERIAL NUMBER	NUMBER OF POSITIONS	PLATING OPTION
44432-0410	04	D
44432-0411	04	B
44432-0412	04	C
44432-0610	06	D
44432-0611	06	B
44432-0612	06	C
44432-0810	08	D
44432-0811	08	B
44432-0812	08	C
44432-1010	10	D
44432-1011	10	B
44432-1012	10	C
44432-1210	12	D
44432-1211	12	B
44432-1212	12	C
44432-1410	14	D
44432-1411	14	B
44432-1412	14	C
44432-1610	16	D
44432-1611	16	B
44432-1612	16	C
44432-1810	18	D
44432-1811	18	B
44432-1812	18	C
44432-2010	20	D
44432-2011	20	B
44432-2012	20	C
44432-2210	22	D
44432-2211	22	B
44432-2212	22	C
44432-2410	24	D
44432-2411	24	B
44432-2412	24	C

**NOTES:**

- MATERIALS-**  
HOUSING: LCP, GLASS FILLED, UL94V-0, COLOR-BLACK (LOW HALOGEN)  
TERMINAL: BRASS ALLOY
- FINISH:**  
B = .00015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA,  
.000100/(0.00254) MIN. SELECT 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. SELECT 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-44432-001
- THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE 44133 SERIES, VERTICAL PCB 44769 SERIES, AND RIGHT ANGLE PCB 44764 SERIES.**
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.**

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CHANGE 4, 6, 8, & 20 CKT TO MATTE TIN	
▽ = 0	IN/MM	SCALE	NTS	EC NO: 635347 DRWN: BZAPPA 2020/03/13 CHK'D: SSOUSEK 2021/08/27 APPR: FSMITH 2021/08/27	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0	4 PLACES ±	MM	INCH	INITIAL REVISION: DRWN: MMSTROH 2012/04/20 APPR: FSMITH 2012/08/27	
▽ = 0	3 PLACES ±	± 0.01			
▽ = 0	2 PLACES ±	0.25	± 0.015	THIRD ANGLE PROJECTION	
▽ = 0	1 PLACE ±	0.38			
▽ = 0	0 PLACES ±			DRAWING SERIES	
▽ = 0	ANGULAR TOL ± 1.0 °			C-SIZE	44432
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE	GENERAL MARKET

**molex**

MICROFIT(3.0) BMI VERTICAL STRAIGHT TAIL  
DUAL ROW HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-44432-005 PSD 001 B

MATERIAL NUMBER CUSTOMER SHEET NUMBER  
SEE TABLE GENERAL MARKET 1 OF 1