



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS 1.57/.062

NOTES :

- MATERIALS - HOUSING:  
A = NYLON, GLASS-FILLED, UL94V-0, COLOR - BLACK  
B = LCP, GLASS-FILLED, UL94V-0, COLOR - BLACK (LOW HALOGEN)  
TERMINAL: BRASS ALLOY
- FINISH:  
A = 0.00254/.000100 MIN. MATTE TIN OVER 0.00127/.000050 MIN. NICKEL  
B = 0.00038/.000015 MIN. SELECT GOLD IN CONTACT AREA;  
0.00254/.000100 MIN. SELECT MATTE TIN ON SOLDER TAILS;  
BOTH OVER 0.00127/.000050 MIN. NICKEL.  
C = 0.00076/.000030 MIN. SELECT GOLD IN CONTACT AREA;  
0.00254/.000100 MIN. SELECT MATTE TIN ON SOLDER TAILS;  
BOTH OVER 0.00127/.000100 MIN. NICKEL
- PRODUCT SPECIFICATION : PS-44300-001  
EXCEPTION FOR CONTACT WIPE AS FOLLOWS:  
MAKE-FIRST/BREAK-LAST TERMINAL = 0.71/(.028) GREATER THAN PS-44300-001  
ALL OTHER TERMINALS = 0.56/(.022) LESS THAN PS-44300-001.
- PACKAGING SPECIFICATION : PK-44432-001
- 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.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CHANGED "A" FINISH TO MATTE TIN		<b>molex</b>				
	DIMENSION UNITS	SCALE							
$\nabla_A = 0$	MM/INCH	4:1	EC NO: 635347		MICRO-FIT (3.0) DUAL ROW				
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: BZAPPA		VERTICAL BMI HEADER MAKE-FIRST/BREAK-LAST				
$\nabla_P = 0$	ANGULAR TOL ± 0.5°		CHK'D: SSOUSEK		PRODUCT CUSTOMER DRAWING				
DIVISIONAL SYMBOLS	4 PLACES	±	APPR: FSMITH		DOCUMENT NUMBER				
	3 PLACES	±	INITIAL REVISION:		DOC TYPE   DOC PART   REVISION				
	2 PLACES	± 0.25	DRWN: SSOUSEK		SD-44432-003		PSD 000 A8		
	1 PLACE	± 0.38	APPR: FSMITH		MATERIAL NUMBER		CUSTOMER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
				C-SIZE		44432		1 OF 3	

												X = MAKE-FIRST/BREAK-LAST CIRCUIT																			
MATERIAL NO.	CKTS	HOUSING MATERIAL	FINISH OPTION	POLARIZATION PEG	DIM A	DIM B	DIM C	CKT 1	CKT 2	CKT 3	CKT 4	CKT 5	CKT 6	CKT 7	CKT 8	CKT 9	CKT 10	CKT 11	CKT 12	CKT 13	CKT 14	CKT 15	CKT 16	CKT 17	CKT 18	CKT 19	CKT 20	CKT 21	CKT 22	CKT 23	CKT 24
	04	A																													
44432-0631	06	A	A	YES	<u>16.00</u> .630	<u>6.00</u> .236	<u>15.00</u> .590						X																		
44432-0833	08	A	C	YES	<u>19.00</u> .748	<u>9.00</u> .354	<u>18.00</u> .709	X	X	X	X	X	X	X																	
44432-0834	08	A	C	YES	<u>19.00</u> .748	<u>9.00</u> .354	<u>18.00</u> .709			X																					
44432-1032	10	A	B	YES	<u>22.00</u> .866	<u>12.00</u> .472	<u>21.00</u> .827	X			X		X																		
44432-1033	10	A	C	YES	<u>22.00</u> .866	<u>12.00</u> .472	<u>21.00</u> .827					X	X				X														
44432-1232	12	A	B	YES	<u>25.00</u> .984	<u>15.00</u> .590	<u>24.00</u> .945	X				X						X													
	14	A																													
	16	A																													
	18	A																													
	20	A																													
	22	A																													
	24	A																													

CKT 1	CKT 2	CKT 3	CKT 4	CKT 5	CKT 6	CKT 7	CKT 8	CKT 9	CKT 10	CKT 11	CKT 12	CKT 13	CKT 14	CKT 15	CKT 16	CKT 17	CKT 18	CKT 19	CKT 20	CKT 21	CKT 22	CKT 23	CKT 24
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FUNCTIONAL 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: CHANGED "A" FINISH TO MATTE TIN									
$\nabla_A = 0$	MM/INCH	4:1	EC NO: 635347 DRWN: BZAPPA 2020/03/13 CHK'D: SSOUSEK 2021/08/27 APPR: FSMITH 2021/08/27									
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)											
$\nabla_P = 0$	ANGULAR TOL $\pm 0.5^\circ$		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-44432-003 DOC TYPE: PSD DOC PART: 000 REVISION: A8									
DIVISIONAL SYMBOLS	4 PLACES $\pm$											
	3 PLACES $\pm$		INITIAL REVISION: DRWN: SSOUSEK 2009/11/20 APPR: FSMITH 2010/03/02									
	2 PLACES $\pm 0.25$											
	1 PLACE $\pm 0.38$		THIRD ANGLE PROJECTION DRAWING: C-SIZE SERIES: 44432									
	0 PLACES $\pm$											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NUMBER: GENERAL MARKET CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 3									

								X = MAKE-FIRST/BREAK-LAST CIRCUIT																							
MATERIAL NO.	CKTS	HOUSING MATERIAL	FINISH OPTION	POLARIZATION PEG	DIM A	DIM B	DIM C	CKT 1	CKT 2	CKT 3	CKT 4	CKT 5	CKT 6	CKT 7	CKT 8	CKT 9	CKT 10	CKT 11	CKT 12	CKT 13	CKT 14	CKT 15	CKT 16	CKT 17	CKT 18	CKT 19	CKT 20	CKT 21	CKT 22	CKT 23	CKT 24
	04	B																													
44432-0634	06	B	C	YES	<u>16.00</u> .630	<u>6.00</u> .236	<u>15.00</u> .590		X																						
	08	B																													
	08	B																													
44432-1034	10	B	C	YES	<u>22.00</u> .866	<u>12.00</u> .472	<u>21.00</u> .827	X									X														
	10	B																													
	12	B																													
	14	B																													
	16	B																													
	18	B																													
	20	B																													
	22	B																													
44432-2432	24	B	B	YES	<u>43.00</u> 1.693	<u>33.00</u> 1.299	<u>42.00</u> 1.653				X					X							X					X	X	X	X
44432-2434	24	B	B	YES	<u>43.00</u> 1.693	<u>33.00</u> 1.299	<u>42.00</u> 1.653				X			X		X	X	X	X				X			X		X	X	X	X

CKT 1	CKT 2	CKT 3	CKT 4	CKT 5	CKT 6	CKT 7	CKT 8	CKT 9	CKT 10	CKT 11	CKT 12	CKT 13	CKT 14	CKT 15	CKT 16	CKT 17	CKT 18	CKT 19	CKT 20	CKT 21	CKT 22	CKT 23	CKT 24
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
$\frac{F}{A} = 0$	DIMENSION UNITS	SCALE	CURRENT REV DESC: CHANGED "A" FINISH TO MATTE TIN															
$\frac{F}{C} = 0$	MM/INCH	4:1	EC NO: 635347 DRWN: BZAPPA 2020/03/13 CHK'D: SSOUSEK 2021/08/27 APPR: FSMITH 2021/08/27 INITIAL REVISION: DRWN: SSOUSEK 2009/11/20 APPR: FSMITH 2010/03/02															
$\frac{F}{P} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL $\pm 0.5^\circ$																		
4 PLACES $\pm$																		
DIVISIONAL SYMBOLS			PRODUCT CUSTOMER DRAWING															
3 PLACES $\pm$			DOCUMENT NUMBER				DOC TYPE				DOC PART				REVISION			
2 PLACES $\pm 0.25$			SD-44432-003				PSD				000				A8			
1 PLACE $\pm 0.38$			MATERIAL NUMBER				CUSTOMER				SHEET NUMBER							
0 PLACES $\pm$			C-SIZE				44432				GENERAL MARKET				3 OF 3			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION				DRAWING				SERIES							