



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							
	DIMENSION UNITS	SCALE							EC NO: 635347	
$\nabla_A = 0$	MM/INCH	4:1	DRWN: BZAPPA		2020/03/13					
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: SSOUSEK		2021/08/27					
$\nabla_P = 0$	ANGULAR TOL ± 0.5°		APPR: FSMITH		2021/08/27					
DIVISIONAL SYMBOLS	4 PLACES	±	INITIAL REVISION:		2009/11/20					
	3 PLACES	±	DRWN: SSOUSEK		2010/03/02					
	2 PLACES	± 0.25	APPR: FSMITH		2010/03/02					
	1 PLACE	± 0.38								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOC TYPE	DOC PART	REVISION
				C-SIZE	44432	SD-44432-003	GENERAL MARKET	PSD	000	A8
										SHEET NUMBER
										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 ± 0.25																					
	1 PLACE ± 0.38		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: C-SIZE SERIES: 44432																			
	0 PLACES \pm																					
DOCUMENT STATUS	P1	RELEASE DATE	2021/08/27 15:33:29																			

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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																														
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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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	DIMENSION UNITS	SCALE	CURRENT REV DESC: CHANGED "A" FINISH TO MATTE TIN							
$\frac{F}{A} = 0$	MM/INCH	4:1	EC NO: 635347 DRWN: BZAPPA 2020/03/13 CHK'D: SSOUSEK 2021/08/27 APPR: FSMITH 2021/08/27							
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)									
$\frac{F}{P} = 0$	ANGULAR TOL ± 0.5°		INITIAL REVISION: DRWN: SSOUSEK 2009/11/20 APPR: FSMITH 2010/03/02							
DIVISIONAL SYMBOLS										
	4 PLACES	±	DOCUMENT NUMBER: SD-44432-003 DOC TYPE: PSD DOC PART: 000 REVISION: A8 MATERIAL NUMBER: GENERAL MARKET CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 3							
	3 PLACES	±								
	2 PLACES	± 0.25								
	1 PLACE	± 0.38								
	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: C-SIZE SERIES: 44432							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										