



NOTES:

- MATERIALS:
HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK.
TERMINALS: COPPER ALLOY.
- FINISH: A = 0.00508/.000200 MIN. BRIGHT 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 COMPLIANT TAIL;
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 COMPLIANT TAIL;
BOTH OVER 0.00127/.000050 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-45280-002
- 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 HEADER REQUIRES A MOLEX INSERTION TOOL (62200-2700) TO PROPERLY INSTALL IT TO THE PCB. SEE ATS-62200-2700 AND FOLLOW INSTRUCTIONS FOR OPERATION FOR HEADERS WITH MAKE-FIRST-BREAK-LAST PINS.
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

SECTION Z-Z

SECTION Y-Y

SCALE : 20/1

RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
RECOMMENDED PCB THICKNESS .093/2.36 MIN.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV / DESC: ADD 45280-1432			
▽ = 0		MM/IN		4:1		EC NO: 169092 DRWN: AZAHIROVIC 2017/12/05 CHK'D: FSMITH 2018/02/26 APPR: FSMITH 2018/02/26 INITIAL REVISION: DRWN: MMSTROH 2012/09/18 APPR: FSMITH 2012/10/19			
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
▽ = 0		MM		INCH					
▽ = 0		4 PLACES ±		±		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-45280-004 DOC TYPE: PSD DOC PART: 001 REVISION: A5			
▽ = 0		3 PLACES ±		± 0.01					
▽ = 0		2 PLACES ±		± 0.25 ± 0.015					
▽ = 0		1 PLACE ±		± 0.38 ±		MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2			
▽ = 0		0 PLACES ±		±					
▽ = 0		ANGULAR TOL ± 0.5 °		THIRD ANGLE PROJECTION					
▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SERIES		C-SIZE 45280			

												X = MAKE-FIRST/BREAK-LAST CIRCUIT																	
MATERIAL NO.	CKTS	FINISH OPTION	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																												
45280-0631	06	A	<u>16.00</u> .630	<u>6.00</u> .236	<u>15.00</u> .590		X				X																		
45280-0635	06	A	<u>16.00</u> .630	<u>6.00</u> .236	<u>15.00</u> .590		X																						
	08																												
45280-1032	10	B	<u>22.00</u> .866	<u>12.00</u> .472	<u>21.00</u> .827		X					X																	
45280-1033	10	C	<u>22.00</u> .866	<u>12.00</u> .472	<u>21.00</u> .827					X	X			X															
45280-1233	12	C	<u>25.00</u> .984	<u>15.00</u> .590	<u>24.00</u> .945	X	X	X	X	X		X	X	X	X	X													
45280-1432	14	B	<u>28.00</u> 1.102	<u>18.00</u> .709	<u>27.00</u> 1.063	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	16																												
	18																												
45280-2032	20	B	<u>37.00</u> 1.457	<u>27.00</u> 1.063	<u>36.00</u> 1.417		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	22																												
	24																												
						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

SYMBOLS = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	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: ADD 45280-1432										
	MM/IN		4:1		EC NO: 169092 DRWN: AZAHIROVIC 2017/12/05 CHK'D: FSMITH 2018/02/26 APPR: FSMITH 2018/02/26										
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	4 PLACES ±		±		INITIAL REVISION: DRWN: MMSTROH 2012/09/18 APPR: FSMITH 2012/10/19										
	3 PLACES ±		± 0.01												
	2 PLACES ±		± 0.25 ± 0.015												
	1 PLACE ±		± 0.38 ±		DOCUMENT NUMBER SD-45280-004 DOC TYPE PSD DOC PART 001 REVISION A5										
	0 PLACES ±		±												
	ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE		45280		SEE CHART		GENERAL MARKET		2 OF 2	



MICROFIT (3.0) BMI CPI HEADER - MFBL
DUAL ROW VERTICAL

PRODUCT CUSTOMER DRAWING