



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED MINIMUM PCB THICKNESS: $\frac{2.24}{.088}$

CKT	A	B
4	$\frac{18.81}{.740}$	$\frac{4.20}{.165}$
6	$\frac{23.01}{.906}$	$\frac{8.40}{.331}$
8	$\frac{27.21}{1.071}$	$\frac{12.60}{.496}$
10	$\frac{31.41}{1.237}$	$\frac{16.80}{.661}$
12	$\frac{35.61}{1.402}$	$\frac{21.00}{.827}$
14	$\frac{39.81}{1.567}$	$\frac{25.20}{.992}$
16	$\frac{44.01}{1.733}$	$\frac{29.40}{1.157}$
18	$\frac{48.21}{1.898}$	$\frac{33.60}{1.323}$
20	$\frac{52.41}{2.063}$	$\frac{37.80}{1.488}$
22	$\frac{56.61}{2.229}$	$\frac{42.00}{1.654}$
24	$\frac{60.81}{2.394}$	$\frac{46.20}{1.819}$

- NOTES:
- MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE
 - FINISH: SEE SHEET 2
 - PRODUCT SPECIFICATION: PS-43879-001
 - PACKAGING: PK-43879-001
 - THIS PART MATES WITH RECEPTACLE NUMBERS 5557, 42474, 44516 AND HEADER NUMBER 42385
 - PART IS NOT DESIGNED FOR CURRENT SHARING
 - PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING HOUSING IN ANY DIRECTION
 - DRILLED HOLE DIAMETER IS EQUIVALENT TO 5/64 INCH STANDARD DRILL BIT
 - CONNECTOR ASSEMBLIES ARE NOT DESIGNED TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE
 - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
 - THIS HEADER REQUIRES A MOLEX INSERTION TOOL (62200-9400) TO PROPERLY INSTALL IT TO THE PCB.

QUALITY SYMBOLS ∇ = 0 ∇ = 0 ∇ = 0 \blacktriangledown = 0 ∇ = 0 \square = 0 \blacksquare = 0 ∇ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
	EC NO: 116383 DRWN: BAPPELDORN CHKD: JBELL APPR: FSMITH ADD 8 CKT P/N	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE																		
		<table border="1"> <tr> <th></th> <th>MM</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±</td> <td>±</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> <td>± 0.01</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± 0.014</td> </tr> <tr> <td>1 PLACES</td> <td>± 0.35</td> <td>±</td> </tr> <tr> <td>0 PLACES</td> <td>±</td> <td>±</td> </tr> </table>			MM	INCH	4 PLACES	±	±	3 PLACES	±	± 0.01	2 PLACES	± 0.25	± 0.014	1 PLACES	± 0.35	±	0 PLACES	±	±	MM/IN	2:1
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ANGULAR TOL ± 0.5		DRAWING SIZE	THIRD ANGLE PROJECTION																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		B																					

molex		
MINI-FIT JR BMI/CPI HEADER ASSEMBLY		
PRODUCT CUSTOMER DRAWING		
SERIES	MATERIAL NUMBER	CUSTOMER
43879	SEE CHART	GENERAL MARKET
DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER
SD-43879-021	PSD	000 1 OF 2

RELEASE STATUS	RELEASE DATE
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FINISH: 1 TIN OVER NICKEL	
CKTS	MATERIAL NO.
04	43879-0022
06	43879-0023
08	43879-0024
10	43879-0025
12	NOT TOOLED
14	43879-0027
16	NOT TOOLED
18	43879-0029
20	NOT TOOLED
22	NOT TOOLED
24	43879-0032

FINISH: 4 GOLD & TIN OVER NICKEL	
CKTS	MATERIAL NO.
04	43879-0055
06	43879-0056
08	43879-0057
10	43879-0058
12	NOT TOOLED
14	43879-0060
16	NOT TOOLED
18	43879-0062
20	NOT TOOLED
22	NOT TOOLED
24	43879-0065

FINISH:
 1 - 0.00254/.000100 MIN. BRIGHT TIN OVER 0.00127/.000050 MIN. NICKEL OVERALL.
 4 - 0.00076/.000030 MIN. GOLD IN CONTACT AREA, 0.00254/.000100 MIN. MATTE TIN IN TAIL AREA, OVER 0.00127/.000050 MIN. NICKEL OVERALL.

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QUALITY SYMBOLS 	ADD 8 CKT P/N EC NO: 116383 DRWN: BAPPELDORN CHKD: JBELL APPR: FSMITH	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS MM/IN		SCALE 2:1							
			MM	INCH	DRWN BY MANLAPAZ		DATE 1998/04/08						
		4 PLACES	±	±	CHK'D BY BANDURA		DATE 1998/04/08						
			3 PLACES	±	± 0.01	APPR BY FSMITH		DATE 2012/12/03		MINI-FIT JR BMI/CPI HEADER ASSEMBLY PRODUCT CUSTOMER DRAWING			
			2 PLACES	±	± 0.014	DRAWING SIZE B		THIRD ANGLE PROJECTION 					
			1 PLACES	±	±	SERIES 43879		MATERIAL NUMBER SEE CHART				CUSTOMER GENERAL MARKET	
			0 PLACES	±	±	DOCUMENT NUMBER SD-43879-021		DOC TYPE PSD				DOC PART 000	
			ANGULAR TOL ± 0.5			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NUMBER 2 OF 2					