



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS:
SEE CHART

CKT NO.	DIM. "A"	DIM. "B"	DIM. "C"
4	18.81 .740	4.20 .165	16.60 .653
6	23.01 .906	8.40 .331	20.80 .819
8	27.21 1.071	12.60 .496	25.00 .984
10	31.41 1.237	16.80 .661	29.20 1.150
12	35.61 1.402	21.00 .827	33.40 1.315
14	39.81 1.567	25.20 .992	37.60 1.480
16	44.01 1.733	29.40 1.157	41.80 1.646
18	48.21 1.898	33.60 1.323	46.00 1.811
20	52.41 2.063	37.80 1.488	50.20 1.976
22	56.61 2.229	42.00 1.654	54.40 2.142
24	60.81 2.394	46.20 1.819	58.60 2.307

- NOTES:
- MATERIAL: HOUSING: GLASS FILLED NYLON, UL94 V-0, BLACK
TERMINAL: PHOSPHOR BRONZE
BOARD RETENTION CLIP: BRASS
 - TERMINAL 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
CLIP FINISH: 0.00254/.000100 MIN. MATTE TIN OVER 0.00127/.000050 MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-43879-001
 - PARTS ARE TRAY PACKED PER PK-43879-001
 - THIS PART MATES WITH RECEPTACLE NUMBERS 5557 AND 42474 AND HEADER NUMBER 42385.
 - PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING HOUSING IN ANY DIRECTION.
DRILLED HOLE DIAMETER IS EQUIVALENT TO 5/64 STANDARD DRILL BIT.
 - CONNECTOR ASSEMBLIES ARE NOT DESIGNED TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
 - PART IS NOT DESIGNED FOR CURRENT SHARING.
 - 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.

REMOVE TIN/LEAD EC NO: UCP2013-2144 DRMNBREE 2012/11/29 CHKD:JBELL 2012/11/29 APPR:FSMITH 2012/12/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY POLGAR	DATE 2003/04/16	TITLE MINI-FIT JR BMI/CPI HEADER ASSEMBLY W/ BOARD MOUNTING CLIPS				
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	CHECKED BY MARGULIS	DATE 2003/04/17					
		2 PLACES ± 0.25 ± .014	1 PLACE ± 0.35 ± ---	0 PLACE ± --- ± ---	APPROVED BY FSMITH	DATE 2012/06/01	DOCUMENT NO. SD-43879-051			
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 2		SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10	9	8	7	6
FINISH: NOTE 2	1 = TIN	FINISH: NOTE 2	4 = GOLD & TIN	
DIM. D:	$\frac{3.39 \pm 0.25}{.133 \pm .010}$	DIM. D:	$\frac{3.39 \pm 0.25}{.133 \pm .010}$	
PCB THICKNESS:	$\frac{3.18}{.125}$	PCB THICKNESS:	$\frac{3.18}{.125}$	
CIRCUITS	MATERIAL NO.	CIRCUITS	MATERIAL NO.	
04	43879-5000	04	43879-5033	
06	43879-5001	06	43879-5034	
08		08		
10	43879-5003	10	43879-5036	
12		12		
14	43879-5005	14	43879-5038	
16		16		
18	43879-5007	18	43879-5040	
20		20		
22		22		
24	43879-5010	24	43879-5043	

SEE SHEET 1 EC NO: UCP2013-2144 DRAWN: BREE 2012/11/29 CHKD: JBELL 2012/11/29 APPR: FSMITH 2012/12/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
	$\nabla F/0$ $\nabla E/0$ $\nabla D/0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.35</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .014	1 PLACE	± 0.35	± ---	0 PLACE	± ---	± ---	MM/IN	1:1	METRIC	
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DESCRIPTION	DRAWN BY: POLGAR DATE: 2003/04/16 CHECKED BY: MARGULIS DATE: 2003/04/17 APPROVED BY: FSMITH DATE: 2012/06/01	TITLE	MINI-FIT JR BMI/CPI HEADER ASSEMBLY W/ BOARD MOUNTING CLIPS																					
REV	MATERIAL NO. SEE CHART	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DOCUMENT NO. SD-43879-051																					