



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.

<b>QUALITY SYMBOLS</b> $\nabla$ = 0 $\nabla$ = 0 $\nabla$ = 0 $\blacktriangledown$ = 0 $\nabla$ = 0 $\square$ = 0 $\blacksquare$ = 0 $\nabla$ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	CHG DIM 5.82 TO 6.25 EC NO: 104170 DRWN: C-SLAFTER CHK'D: JBELL APPR: FSMITH	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM/IN SCALE: 2:1		<b>molex</b> MINI-FIT JR BMI/CPI HEADER ASSEMBLY	
		DRWN BY: MANLAPAZ DATE: 1998/04/08		PRODUCT CUSTOMER DRAWING	
		CHK'D BY: BANDURA DATE: 1998/04/08		SERIES: 43879 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET	
APPR BY: FSMITH DATE: 2012/12/03		DRAWING SIZE: B THIRD ANGLE PROJECTION		DOCUMENT NUMBER: SD-43879-021 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 2	

FINISH: 1 TIN OVER NICKEL	
CKTS	MATERIAL NO.
04	43879-0022
06	43879-0023
08	NOT TOOLED
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	<b>43879-0055</b>
06	<b>43879-0056</b>
08	NOT TOOLED
10	<b>43879-0058</b>
12	NOT TOOLED
14	<b>43879-0060</b>
16	NOT TOOLED
18	<b>43879-0062</b>
20	NOT TOOLED
22	NOT TOOLED
24	<b>43879-0065</b>

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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
<b>QUALITY SYMBOLS</b> 	CHG DIM 5.82 TO 6.25 EC NO: 104170 DRWN: C-SLAFTER CHKD: JBELL APPR: FSMITH L4	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS <b>MM/IN</b>		SCALE <b>2:1</b>					
			MM	INCH	DRWN BY <b>MANLAPAZ</b>		DATE <b>1998/04/08</b>				
		4 PLACES	±	±	CHK'D BY <b>BANDURA</b>		DATE <b>1998/04/08</b>				
			3 PLACES	±	± 0.01	APPR BY <b>FSMITH</b>		DATE <b>2012/12/03</b>		<b>PRODUCT CUSTOMER DRAWING</b>	
			2 PLACES	±	± 0.25	DRAWING SIZE <b>B</b>		THIRD ANGLE PROJECTION 		SERIES <b>43879</b>	
			1 PLACES	±	± 0.35	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER <b>SEE CHART</b>		CUSTOMER <b>GENERAL MARKET</b>	
			0 PLACES	±	±			DOCUMENT NUMBER <b>SD-43879-021</b>		DOC TYPE <b>PSD</b>	
								DOC PART <b>000</b>		SHEET NUMBER <b>2 OF 2</b>	