



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

CKT	A	B
4	18.81 / .740	4.20 / .165
6	23.01 / .906	8.40 / .331
8	27.21 / 1.071	12.60 / .496
10	31.41 / 1.237	16.80 / .661
12	35.61 / 1.402	21.00 / .827
14	39.81 / 1.567	25.20 / .992
16	44.01 / 1.733	29.40 / 1.157
18	48.21 / 1.898	33.60 / 1.323
20	52.41 / 2.063	37.80 / 1.488
22	56.61 / 2.229	42.00 / 1.654
24	60.81 / 2.394	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 AND 42474
- THIS PART MATES WITH 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 INCH 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

ADD PLT OPTION EC NO: UCP2010-1250 DRWN: J JAGUILAR 2009/12/01 CHKD: J BELL 2009/12/01 APPR: F SMITH 2009/12/01 L1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ .010 2 PLACES $\pm$ 0.25 $\pm$ .014 1 PLACE $\pm$ 0.35 $\pm$ ---	mm INCH	DRAWN BY MANLAPAZ	DATE 1998/04/08	TITLE MINI-FIT JR BMI/CPI HEADER ASSEMBLY			
		ANGULAR $\pm 1/2^\circ$		CHECKED BY BANDURA	DATE 1998/04/08	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY EDGLEY	DATE 1998/04/08	MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SD-43879-021	SHEET NO. 1 OF 2	

2	L1
1	L1
SHEET REV	

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: 2  
GOLD & TIN/LEAD OVER NICKEL

CKTS	MATERIAL NO.
04	43879-0033
06	43879-0034
08	NOT TOOLED
10	43879-0036
12	NOT TOOLED
14	43879-0038
16	NOT TOOLED
18	43879-0040
20	NOT TOOLED
22	NOT TOOLED
24	43879-0043

FINISH: 3  
MATTE TIN/LEAD OVER NICKEL

CKTS	MATERIAL NO.
04	OBSOLETE
06	43879-0045
08	NOT TOOLED
10	OBSOLETE
12	NOT TOOLED
14	OBSOLETE
16	NOT TOOLED
18	OBSOLETE
20	NOT TOOLED
22	NOT TOOLED
24	OBSOLETE

FINISH: 4  
GOLD & TIN OVER NICKEL

CKTS	MATERIAL NO.
04	43879-0055
06	43879-0056
08	NOT TOOLED
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.
  - 2 - 0.00076/.000030 MIN. GOLD IN CONTACT AREA, 0.00254/.000100 MIN. 90/10 MATTE TIN/LEAD IN TAIL AREA, OVER 0.00127/.000050 MIN. NICKEL OVERALL.
  - 3 - 0.00254/.000100 MIN. 90/10 MATTE TIN/LEAD 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.

SEE SHEET ONE EC NO: UCP2010-1250 DRWN: J JAGUILAR 2009/12/01 CHKD: JBELL 2009/12/01 APPR: FSMITH 2009/12/01	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▼=0 ▽=0	mm      INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± 1/2°	MM/IN	---	METRIC	DRAWN BY      DATE MANLAPAZ      1998/04/08 CHECKED BY      DATE BANDURA      1998/04/08 APPROVED BY      DATE EDGLEY      1998/04/08	MINI-FIT JR BMI/CPI HEADER ASSEMBLY
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	Molex MOLEX INCORPORATED SD-43879-021		SHEET NO.
		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				2 OF 2