



- 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
 - THIS HEADER REQUIRES A MOLEX INSERTION TOOL (62200-9400) TO PROPERLY INSTALL IT TO THE PCB.

PCB LAYOUT: COMPONENT SIDE
RECOMMENDED MINIMUM PCB THICKNESS: 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

2	L1
1	L2
SHEET REV	

ADDED NOTE 12 EC NO: UCP2010-2444 DRAWN: JANGUILAR 2010/03/26 CHKD: BELL 1998/04/08 APPR: SMITH 2010/04/14 REV L2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM/IN DRAWN BY MANLAPAZ DATE 1998/04/08 CHECKED BY BANDURA DATE 1998/04/08 APPROVED BY EDGLEY DATE 1998/04/08	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MINI-FIT JR BMI/CPI HEADER ASSEMBLY	
	MATERIAL NO. SEE SHEET 2 SIZE B	MOLEX INCORPORATED DOCUMENT NO. SD-43879-021 SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

FINISH: 1 TIN OVER NICKEL		FINISH: 2 GOLD & TIN/LEAD OVER NICKEL		FINISH: 3 MATTE TIN/LEAD OVER NICKEL		FINISH: 4 GOLD & TIN OVER NICKEL	
CKTS	MATERIAL NO.	CKTS	MATERIAL NO.	CKTS	MATERIAL NO.	CKTS	MATERIAL NO.
04	43879-0022	04	43879-0033	04	OBSOLETE	04	43879-0055
06	43879-0023	06	43879-0034	06	43879-0045	06	43879-0056
08	NOT TOOLED	08	NOT TOOLED	08	NOT TOOLED	08	NOT TOOLED
10	43879-0025	10	43879-0036	10	OBSOLETE	10	43879-0058
12	NOT TOOLED	12	NOT TOOLED	12	NOT TOOLED	12	NOT TOOLED
14	43879-0027	14	43879-0038	14	OBSOLETE	14	43879-0060
16	NOT TOOLED	16	NOT TOOLED	16	NOT TOOLED	16	NOT TOOLED
18	43879-0029	18	43879-0040	18	OBSOLETE	18	43879-0062
20	NOT TOOLED	20	NOT TOOLED	20	NOT TOOLED	20	NOT TOOLED
22	NOT TOOLED	22	NOT TOOLED	22	NOT TOOLED	22	NOT TOOLED
24	43879-0032	24	43879-0043	24	OBSOLETE	24	43879-0065

FINISH:

- 0.00254/.000100 MIN. BRIGHT TIN OVER 0.00127/.000050 MIN. NICKEL OVERALL.
- 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.
- 0.00254/.000100 MIN. 90/10 MATTE TIN/LEAD OVER 0.00127/.000050 MIN. NICKEL OVERALL.
- 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 DRAWN: JAGUILAR CHKD: BELL APPR: SMITH	2009/12/01 2009/12/01 2009/12/01	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm	INCH	MM/IN	---	METRIC	DRAWN BY: MANLAPAZ CHECKED BY: BANDURA APPROVED BY: EDGLEY DATE: 1998/04/08	TITLE: MINI-FIT JR BMI/CPI HEADER ASSEMBLY
			4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	2 PLACES ± 0.25 ± .014	1 PLACE ± 0.35 ± ---	ANGULAR ± 1/2°		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART	SD-43879-021		MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION