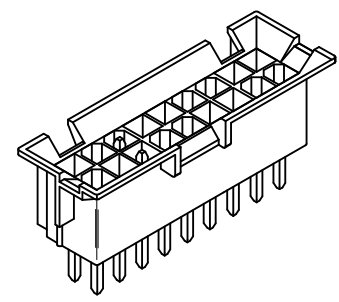


**RECOMMENDED HOLE LAYOUT FOR  
.062/(1.57) THICK P.C. BOARD**

CKT. SIZE	DIM. "A"	DIM. "B"
36	2.811 (71.40)	3.236 (82.20)
24	1.819 (46.20)	2.244 (57.00)
22	1.654 (42.00)	2.079 (52.80)
20	1.488 (37.80)	1.913 (48.60)
18	1.323 (33.60)	1.748 (44.40)
16	1.157 (29.40)	1.583 (40.20)
14	.992 (25.20)	1.417 (36.00)
12	.827 (21.00)	1.252 (31.80)
10	.661 (16.80)	1.087 (27.60)
8	.496 (12.60)	.921 (23.40)
6	.331 (8.40)	.756 (19.20)
4	.165 (4.20)	.590 (15.00)
2	—	.425 (10.80)

- NOTES:**
- HOUSING MATERIAL: A = NYLON 6/6. U.L. 94V-2. COLOR: NATURAL.  
B = NYLON 6/6. U.L. 94V-0. COLOR: NATURAL.  
C = PBT POLYESTER 94V-0 COLOR: BLACK  
TERMINAL MATERIAL: BRASS ALLOY
  - TERMINAL PLATING  
A = .000100/(.00254) MIN. MATTE TIN OVER  
.000050/(.00127) MIN. NICKEL.  
C = .000030/(0.00076) MIN. SELECT GOLD AND  
.000100/(0.00254) MIN. SELECT MATTE TIN  
OVER .000050/(0.00127) MIN. NICKEL OVERALL  
D = .000060/(0.00152) MIN REFLOWED MATTE TIN OVER  
.000050/(0.00127) MIN. NICKEL OVERALL.
  - PRODUCT SPECIFICATION: PS-5556-002
  - PACKAGING IN TRAYS PER PK-42404-002 EXCEPT 43693-0024 PACKAGED BULK
  - PART MATES WITH MINI-FIT JR. RECEPTACLES 5557, 42385, 42474 AND 44516.
  - PART ALLOWS FOR UP TO .100(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCE.
  - PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
  - CONNECTORS ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
  - SEE CHART ON SHEET 2 FOR STANDARD, MAKE-FIRST/BREAK-LAST AND PLATING LOCATIONS.
  - ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.
  - REFERENCE DIMENSION "C" NOT TO EXCEED .283/(7.20) NOMINAL.
  - DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
  - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002, EXCEPT CLASS "C" ON BOTH SIDE RIBS.
  - CUT OFF PEGS NOT TO PROTRUDE MORE THAN .030/(0.76)



**43693-\*\*\*\***

<b>UPDATE NOTE 5</b> EC NO: UCP2012-2787 DRW: NGUYEN CHKD: JRELL APPR: FSMITH 2012/02/24 2012/02/24 2012/05/04	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .015	2 PLACES ± 0.38 ± ---	1 PLACE ± --- ± ---	DRAWN BY GEP DATE 3/11/96	CHECKED BY RFJ DATE 3/11/96	VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES		
		ANGULAR ±1/2°				APPROVED BY RFJ DATE 3/11/96		MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-43693-****		SHEET NO. 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

