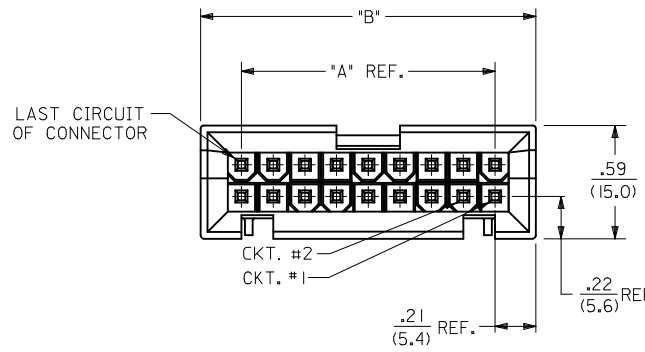
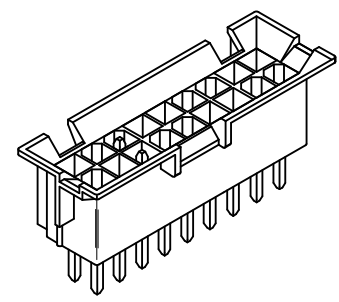


RECOMMENDED HOLE LAYOUT FOR
.062/(1.57) THICK P.C. BOARD

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/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN.SELECT MATTE TIN
OVER .000050/(.00127) MIN. NICKEL OVERALL
D = .000060/(.00152) MIN REFLOWED MATTE TIN OVER
.000050/(.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-****

UPDATE NOTE 5 EC NO: UCP2012-2787 DRAWN: NGUYEN 2012/02/24 CHKD: J.BELL 2012/02/24 APPR: F.S.MITH 2012/05/04 REV D1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY DATE	TITLE		VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES MOLEX INCORPORATED SDA-43693-**** 1 OF 2		
		4 PLACES ± --- ± ---		GEP 3/11/96	CHECKED BY DATE				
		3 PLACES ± --- ± .015		RFJ 3/11/96	APPROVED BY DATE				
		2 PLACES ± 0.38 ± ---		RFJ 3/11/96	MATERIAL NO. DOCUMENT NO.				
1 PLACE ± --- ± ---		ANGULAR ± 1/2°		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

13		12		11				10				9				8				7				6				5				4				3				2				1			
ITEM NO.	CHARACTERISTIC DESCRIPTION	CKT. SIZE	TERMINAL VERSION				REQUIRED AT EACH CIRCUIT LOCATION: *S* = STD. LENGTH *M* = MAKE-FIRST/BREAK-LAST *V* = VOIDED CIRCUIT																DIM *C* REF.																								
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36								
J	43693-0001	IOAC	10	CS	CS	CM	CS	CS	CS	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)											
	43693-0002	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	.154 (3.91)											
	43693-0005	I6BA	16	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.81)												
	43693-0020	I8BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.31)												
	43693-0022	IOBA	10	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)												
I	43693-0024	10BC	10	CS	CS	CM	CS	CS	CM	CM	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.321 (8.15)												
	43693-0027	I8BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)												
	43693-0030	I8BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)												
	43693-0031	I8BA	18	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	.154 (3.91)											
	43693-0037	18BD	18	DS	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)												
H	X = NOT AVAILABLE SEE NOTE 10																																				H										
G																																					G										
F																																					F										
E																																					E										
D																																					D										
C																																					C										
B																																					B										
A																																					A										
CHARACTERISTICS LEGEND: CIRCUIT SIZE ———— (02-24 & 36) HOUSING MAT'L (SEE NOTE 1) *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 PLATING (SEE NOTE 2) A = MATTE TIN C = SELECT GOLD D = REFLOW MATTE TIN			SEE SHEET 1 EC NO: UCP2012-2787 DRWN: NGUYEN CHKD: J.BELL APPR: F.S.MITH REV D1			QUALITY SYMBOLS ▽⇒=0 ▽⇒=0 ▽⇒=0			GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°			DIMENSION STYLE IN/MM DRAWN BY DATE GEP 3/11/96 CHECKED BY DATE RFJ 3/11/96 APPROVED BY DATE RFJ 3/11/96			SCALE DESIGN UNITS METRIC			THIRD ANGLE PROJECTION			TITLE VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES			MATERIAL NO. SDA-43693-****			SHEET NO. 2 OF 2																	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																															
tb_frame_C_P_AM_T Rev. F 2009/06/18			12			11			10			9			8			7			6			5			4			3			2			1											

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