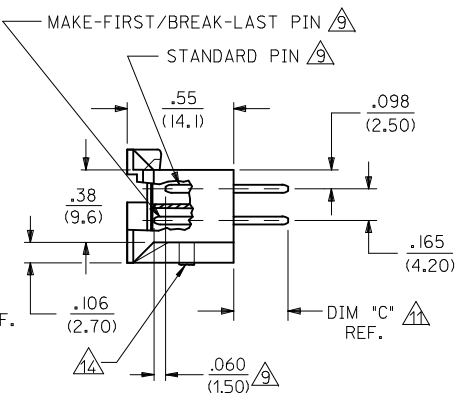
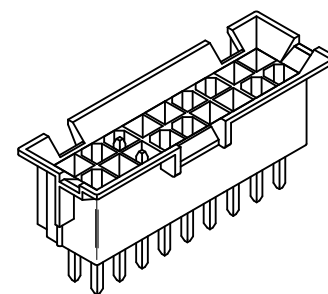


**RECOMMENDED HOLE LAYOUT FOR
.062/(1.57) THICK P.C. BOARD**



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-****

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)

UPDATE NOTE 5 EC NO: UCP2012-2787 DRVN:NGUYEN 2012/02/24 CHKD:JBELL 2012/02/24 APPR:FSMITH 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																										
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±.015</td> </tr> <tr> <td>2 PLACES</td> <td>±0.38</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table>			mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±.015	2 PLACES	±0.38	±---	1 PLACE	±---	±---	<table border="1"> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> <tr> <td>GEP</td> <td>3/11/96</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>RFJ</td> <td>3/11/96</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>RFJ</td> <td>3/11/96</td> </tr> </table>		DRAWN BY	DATE	GEP	3/11/96	CHECKED BY	DATE	RFJ	3/11/96	APPROVED BY	DATE	RFJ	3/11/96	VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES	
			mm	INCH																														
		4 PLACES	±---	±---																														
		3 PLACES	±---	±.015																														
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CHECKED BY	DATE																																	
RFJ	3/11/96																																	
APPROVED BY	DATE																																	
RFJ	3/11/96																																	
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																																		

	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
J	43693-0001	IOAC	I0	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	I6	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.81)		
	43693-0020	I8BA	I8	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.31)		
	43693-0022	IOBA	IO	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)		
I	43693-0024	IOBC	IO	CS	CS	CM	CS	CS	CM	CM	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.321 (8.15)		
	43693-0027	I8BA	I8	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)		
	43693-0030	I8BA	I8	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)		
	43693-0031	I8BA	I8	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	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
<div>CHARACTERISTICS LEGEND: CIRCUIT SIZE ———— (02-24 & 36) <div>** * *</div><div>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</div></div>			<div>TERMINAL PLATING (SEE NOTE 2) A = MATTE TIN C = SELECT GOLD D = REFLOW MATTE TIN</div>			<div>SEE SHEET 1 EC NO: UCP2012-2787 DRWN: NGUYEN CHKD: J.BELL APPR: F.S.MITH 2012/02/24 2012/02/24 2012/05/04</div>			<div>QUALITY SYMBOLS ▽⇒=0 ▽⇒=0 ▽⇒=0</div>			<div>GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°</div>			<div>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</div>			<div>SCALE DESIGN UNITS METRIC</div>			<div>THIRD ANGLE PROJECTION</div>			<div>TITLE VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES</div>			<div>MATERIAL NO. SDA-43693-****</div>			<div>SHEET NO. 2 OF 2</div>							
<div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div>																																					

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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