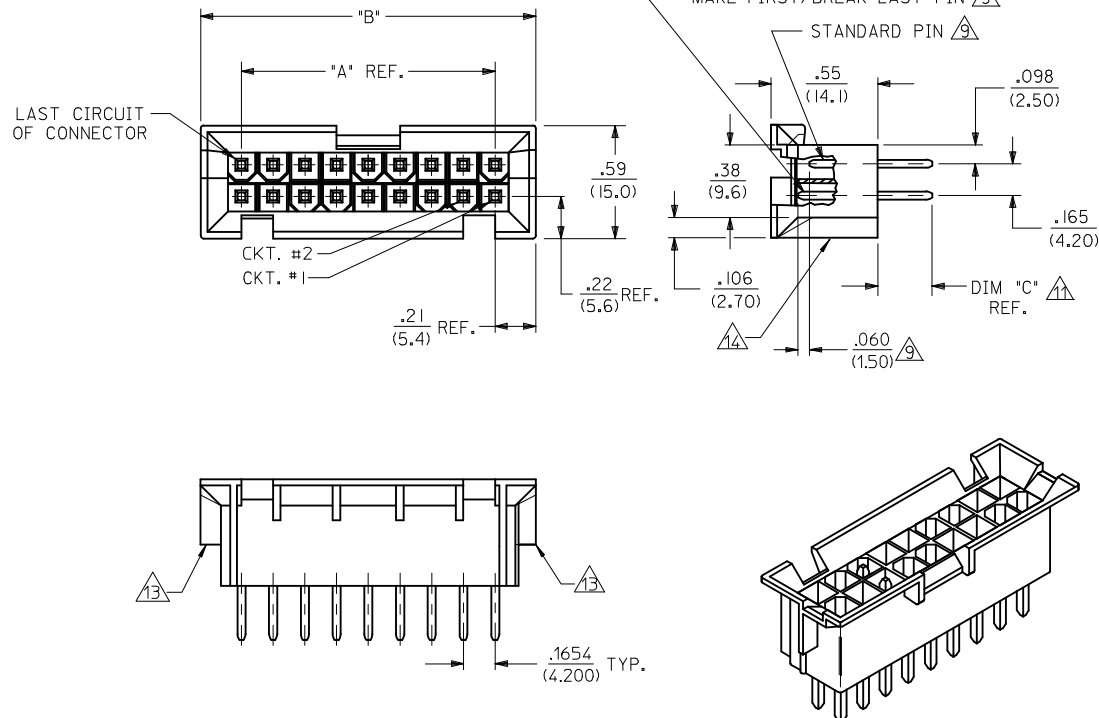
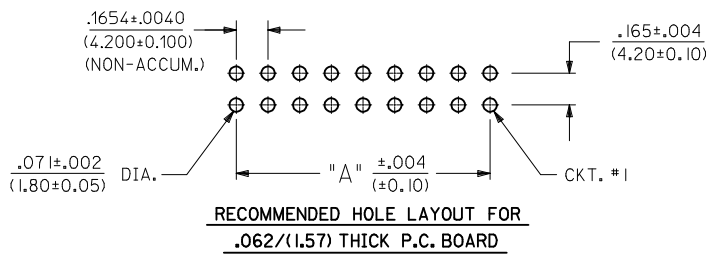




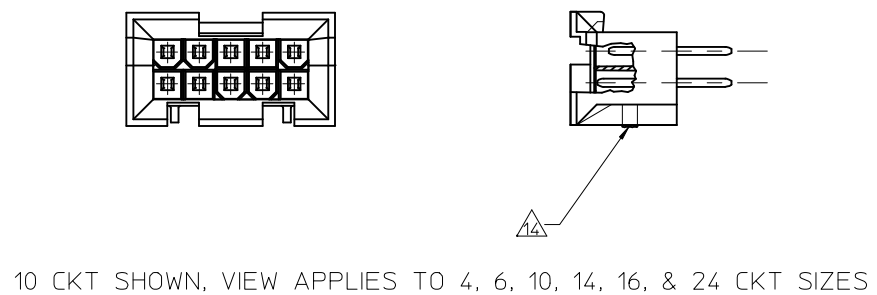
18 CKT PART SHOWN

- 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) ON ALL CIRCUIT SIZES EXCEPT 18 CIRCUIT PARTS WILL NOT HAVE CUT OFF PEGS.

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)
CKT. SIZE	DIM. "A"	DIM. "B"



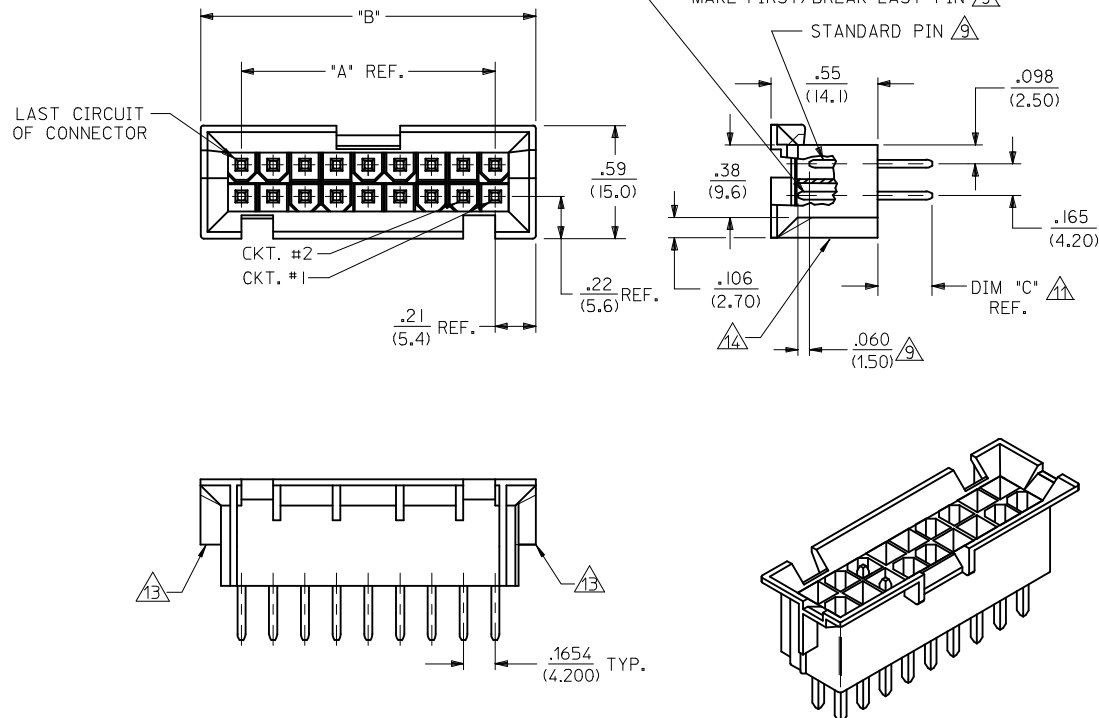
RECOMMENDED HOLE LAYOUT FOR
.062/(1.57) THICK P.C. BOARD



10 CKT SHOWN, VIEW APPLIES TO 4, 6, 10, 14, 16, & 24 CKT SIZES

UPDATE NOTE 14 EC NO: UCP2015-4258 DRWN: MONTI 2015/06/25 CHKD: JELL 2015/06/25 APPR: FSMITH 2015/07/10	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					IN/MM		2:1	METRIC				
				mm	INCH	DRAWN BY	DATE	TITLE				
			4 PLACES	± ---	± ---	GEP	3/11/96	VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES				
			3 PLACES	± ---	± .015	CHECKED BY	DATE					
2 PLACES	± 0.38	± ---	RFJ	3/11/96	MOLEX INCORPORATED							
1 PLACE	± ---	± ---	APPROVED BY	DATE								
			ANGULAR ±1/2°		RFJ	3/11/96						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
					SEE CHART		SDA-43693-****		1 OF 2			
D2	REV				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

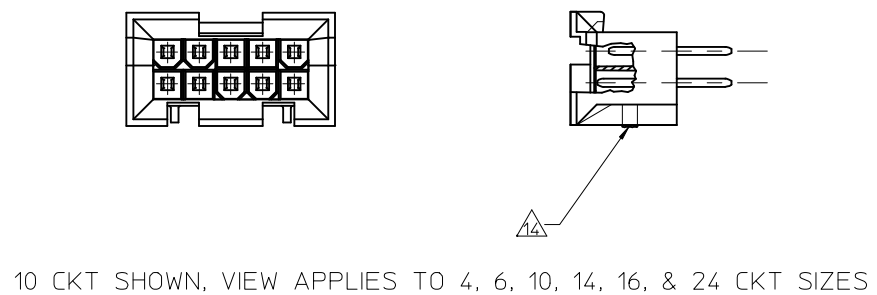
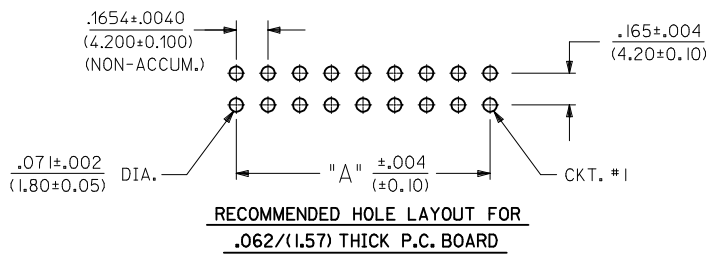
[illegible]



18 CKT PART SHOWN

- 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) ON ALL CIRCUIT SIZES EXCEPT 18 CIRCUIT PARTS WILL NOT HAVE CUT OFF PEGS.

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)
CKT. SIZE	DIM. "A"	DIM. "B"



10 CKT SHOWN, VIEW APPLIES TO 4, 6, 10, 14, 16, & 24 CKT SIZES

UPDATE NOTE 14 EC NO: UCP2015-4258 DRWN: JONT CHKD: JELL APPR: FSMITH 2015/06/25 2015/06/25 2015/07/10	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY GEP	DATE 3/11/96	TITLE VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES			
			4 PLACES	± ---	± ---	CHECKED BY RFJ	DATE 3/11/96				
			3 PLACES	± ---	± .015	APPROVED BY RFJ	DATE 3/11/96				
			2 PLACES	± 0.38	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-43693-****		SHEET NO. 1 OF 2	
			1 PLACE	± ---	± ---						
			ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
D2	REV	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.												
				I	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	AM	AS	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	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)		
	43693-0030	I8BA	18	AS	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	AS	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	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)		
X = NOT AVAILABLE SEE NOTE 10																																								
H																																								H
G																																								G
F																																								F
E																																								E
D																																								D
C																																								C
B																																								B
A																																								A

CHARACTERISTICS LEGEND:		TERMINAL PLATING (SEE NOTE 2)	
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	A = MATTE TIN C = SELECT GOLD D = REFLOW MATTE TIN	

SEE SHEET 1 EC NO: UCP2015-4258 DRWN: JONTI 2015/06/25 CHKD: IBELL 2015/06/25 APPR: FSMITH 2015/07/10	DESCRIPTION REV D2	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES ± ---</td><td>± ---</td><td></td></tr><tr><td>3 PLACES ± ---</td><td>± .015</td><td></td></tr><tr><td>2 PLACES ± 0.38</td><td>± ---</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 ± ---	± ---		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 TITLE VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES	MATERIAL NO. SDA-43693-****	SHEET NO. 2 OF 2
			mm	INCH																			
		4 PLACES ± ---	± ---																				
		3 PLACES ± ---	± .015																				
		2 PLACES ± 0.38	± ---																				
		1 PLACE ± ---	± ---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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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