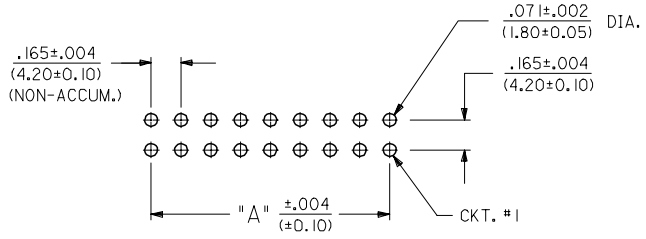
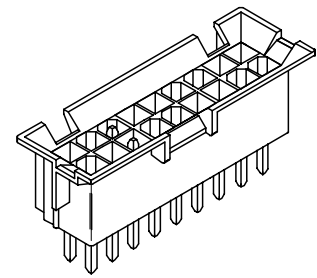


NOTES:

- 1) 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.
 - 2) TERMINAL MATERIAL: BRASS, ALLOY 260.
 - 3) PART MATES WITH MINI-FIT JR. RECEPTACLES 5557, 42385 AND 42474.
 - 4) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
 - 5) PART IS DESIGNED IN METRIC.
 - 6) TERMINAL PLATING: (PER SDES-88-****)
A = .000100/(.00254) MIN. TIN OVER
.000050/(.00127) MIN. NICKEL. (154)
B = .000015/(.00038) MIN. GOLD OVER
.000030/(.00076) MIN. NICKEL. (53 I)
C = .000030/(.00076) MIN. GOLD OVER
.000050/(.00127) MIN. NICKEL. (503)
 - 7) PRODUCT SPECIFICATION: PS-5556-002
 - 8) CONNECTOR 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.
- 12) PACKAGING PER PK-42404-002 EXCEPT 43693-0024 PACKAGED BULK.



**RECOMMENDED HOLE LAYOUT FOR
.062/(1.57) THICK P.C. BOARD
(SEE NOTE 5)**



43693-****

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"

ADDED -0024 EC NO: UCP2005-2007 DRWN: JSCHAFER 2005/03/24 CHKD: 2005/03/24 APPR: YMARGULLI 2005/03/22 REV B10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1		DESIGN UNITS INCH		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			
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°		CHECKED BY DATE		APPROVED BY DATE					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. DOCUMENT NO.		SEE CHART		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											

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		
43693-0001	10AC	10	CS	CS	CM	CS	CS	CS	CS	CS	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	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	.150 (3.8)	
43693-0003	24BA	24	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	.150 (3.8)	
43693-0004	24BA	24	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	.209 (5.3)		
43693-0005	16BA	16	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0006	16BA	16	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.3)			
43693-0007	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	CM	CS	CM	CM	CM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)		
43693-0009	24AA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	.150 (3.8)		
43693-0010	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	.150 (3.8)		
43693-0011	36AA	36	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	.150 (3.8)		
43693-0012	14BA	14	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0013	06BA	06	AS	AS	AM	AS	AS	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0014	14BC	14	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)			
43693-0015	24BA	24	AS	AS	AS	AS	AS	AS	AS	AS	AM	AM	AM	AM	AS	AS	AS	AS	AM	AM	AM	AM	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0016	18BC	18	CM	CS	CS	CS	CS	CS	CS	CS	CM	CM	CS	CM	CS	CM	CS	CM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0017	24BC	24	CM	CS	CS	CS	CS	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	.283 (7.20)			
43693-0018	24A*	24	AS	AS	AS	AS	CS	CS	CS	CS	CS	CS	CS	AS	AS	AS	AS	AS	CS	CS	CS	CS	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0019	18BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0020	18BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.3)			
43693-0021	10BC	10	CS	CS	CM	CS	CS	CM	CM	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)				
43693-0022	10BA	10	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)				
43693-0023	18BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.219 (5.10)			
43693-0024	10BC	10	CS	CS	CM	CS	CS	CM	CM	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.321 (8.15)				
43693-0025	18BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.3)			
43693-0026	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)		
43693-0027	18BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)			
43693-0028	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AS	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			
43693-0029	36CA	36	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	.150 (3.8)		
43693-0030	18BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)			
43693-0031	18BA	18	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.8)			

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 6)
 A = 100 M.I. TIN
 B = 15 M.I. GOLD
 C = 30 M.I. GOLD

VOID -0008, -0024 EC NO: UCP2005-2007 DRWN: JSCHAFER 2005/03/21 CHKD: 2005/03/21 APPR: YMARQUILL 2005/03/22 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	IN/MM DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE	1:1	INCH	SAME AS SHT. 1 MOLEX INCORPORATED	
	B10	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT 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						