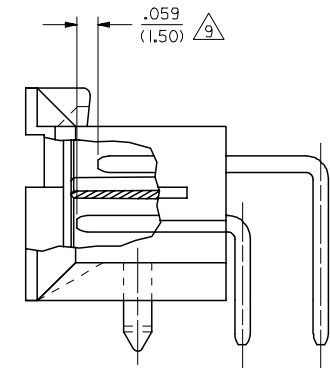
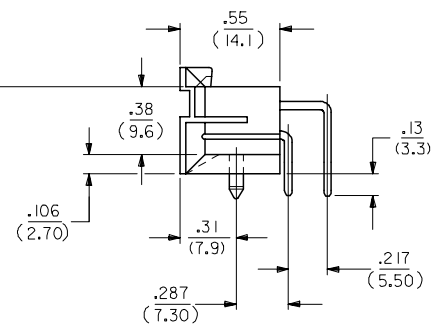
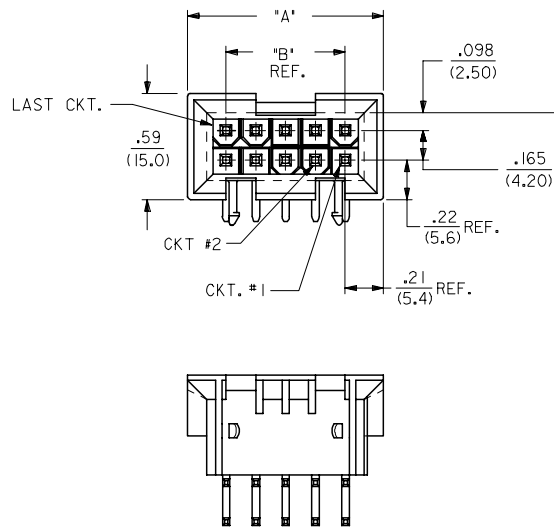
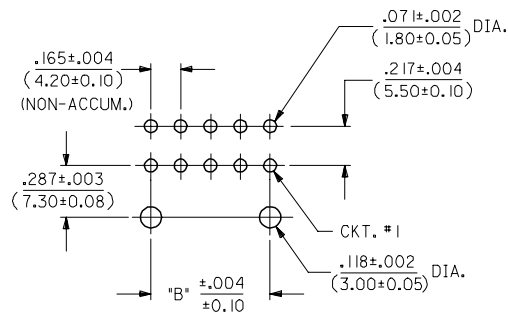


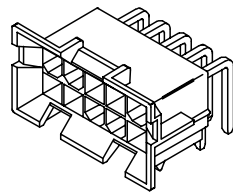
CIRCUIT SIZE	DIM. 'A'	DIM. 'B'
2	—	—
4	.59 (15.0)	.165 (4.20)
6	.76 (19.2)	.331 (8.40)
8	.92 (23.4)	.496 (12.60)
10	1.09 (27.6)	.661 (16.80)
12	1.25 (31.8)	.827 (21.00)
14	1.42 (36.0)	.992 (25.20)
16	1.58 (40.2)	1.157 (29.40)
18	1.75 (44.4)	1.323 (33.60)
20	1.91 (48.6)	1.488 (37.80)
22	2.08 (52.8)	1.654 (42.00)
24	2.24 (57.0)	1.819 (46.20)



SCALE 4:1



RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE



A-44499-*

NOTES:

- MATERIAL:
HOUSING: "A" = NYLON 6/6, UL 94V-2, COLOR: NATURAL
"B" = NYLON 6/6, UL 94V-0, COLOR: NATURAL
TERMINALS: BRASS
- TERMINAL PLATING:
A = .000100/(.00254) MIN. BRIGHT TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
B = .000030/(.00076) MIN. GOLD OVER
.000050/(.00127) MIN. NICKEL OVERALL.
C = .000030/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN. MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
- PRODUCT SPECIFICATION: PS-5556-002
- PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-42404-002.
- PART MATES WITH MINI-FIT JR. RECEPTACLE 42385 AND 42474.
- PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- PART IS NOT DESIGNED FOR CURRENT SHARING.
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- CIRCUITS SHOWN PROVIDE THE "MAKE-FIRST/BREAK-LAST" FEATURE.
- PART CONFORMS TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002.

4	C1
3	C1
2	C1
1	C1
SHT.	REV.

ADD P/N 44499-0099 EC NO: UCP2007-2017 DRWNLSCHM10T 2007/02/15 CHKD:ADERR 2007/02/16 APPR:FSM TH 2007/02/16 REV C1	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) MOLEX MOLEX INCORPORATED SDA-44499-*	SHEET NO. 1 OF 4
			mm	INCH	DRAWN BY AFG	DATE 09/13/94	DOCUMENT NO.				
			4 PLACES ±.0005	±.0005	CHECKED BY RJF	DATE 09/13/94	MATERIAL NO.				
			3 PLACES ±.0010	±.010	APPROVED BY RJF	DATE 09/13/94	SIZE C				
			2 PLACES ±0.25	±.015	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				
1 PLACE ±0.38	±.015	ANGULAR ±1/2°									

13		12		11		10		9		8		7		6		5		4		3		2		1					
ITEM NO.	CKT. SIZE	CHARACTERISTIC DESCRIPTION	LETTER INDICATES PIN PLATING AND LENGTH REQUIRED AT EACH CIRCUIT LOCATION. SEE NOTE 2 ON SHEET I.																										
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
J	44499-0036	24	24BA	AS	AS	AM	AM	AS	AS	AM	AS	AS	AS	AS	AS	AM	AM	AM	AS	AS	AS	AS	AM	AS	AS				
	44499-0037	I4	I4AA	AS	AS	AS	AS	AM	AM	AM	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-				
	44499-0038	IO	IOBB	BM	BM	BM	BM	BM	BS	BS	BS	BS	BS	-	-	-	-	-	-	-	-	-	-	-	-				
I	44499-0039	I4	I4AA	AS	AS	AS	AS	AS	AS	AM	AM	AM	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-				
	44499-0040	I4	I4AA	AS	AS	AS	V	AS	AS	AS	AM	V	AM	V	AS	AS	AS	-	-	-	-	-	-	-	-				
	44499-0041	I4	I4AA	AS	AS	AS	V	AS	AS	AS	AM	AS	AS	V	AS	AS	AM	-	-	-	-	-	-	-	-				
	44499-0042	IO	IOBB	BS	BS	BS	BS	BS	BS	BS	BS	BS	BM	-	-	-	-	-	-	-	-	-	-	-	-				
H	44499-0043	I8	I8BB	BS	BS	BS	BS	BM	BS	BS	BS	BS	BS	BS	BS	BM	BS	BS	BS	BS	-	-	-	-	-				
	44499-0044	O4	O4BB	BS	BS	BM	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	44499-0045	24	24BB	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM				
	44499-0046	24	24B*	AM	AM	BM	BS	BM	AM	AM	AM	BS	AM	AM	AM	AM	BM	BM	BS	AM	AM	AM	AM	AM	AM				
	44499-0047	24	24AA	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM				
G	44499-0048	24	24BA	AM	AM	AM	AS	AM	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM				
	44499-0049	24	24AA	AM	AM	AM	AM	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS				
	44499-0050	O6	O6AA	AM	V	AS	V	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	44499-0051	IO	IOAA	V	AS	V	AS	V	AS	V	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
F	44499-0052	I8	I8BA	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	AM	-	-	-	-	-				
	44499-0053	I8	I8AA	AS	AS	AS	AS	AS	AS	AS	AM	AS	AS	AM	AS	AS	AS	AS	AS	AS	-	-	-	-	-				
	44499-0055	IO	IOBB	BS	BM	BM	BM	BM	BM	BM	BM	BM	BM	-	-	-	-	-	-	-	-	-	-	-	-				
	44499-0056	I4	I4BB	BS	BM	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	-	-	-	-	-	-	-	-	-				
E	44499-0057	I8	I8B*	AS	AS	AM	AM	BS	BS	AS	AM	BS	AS	AS	AM	AM	BM	BS	AS	BS	-	-	-	-	-				
	44499-0058	24	24AA	AS	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM				
	44499-0059	I4	I4AA	AS	V	AM	AS	AS	AS	AS	AS	V	AS	AS	AS	AS	AM	-	-	-	-	-	-	-	-				
D	44499-0060	24	24BB	BS	BS	BM	BS	BS	BS	BS	BS	BS	BS	BS	BS	BM	BS	BS	BS	BS	BS	BS	BM	BS	BS				
	44499-0061	O6	O6BA	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	44499-0062	I4	I4BB	BS	BS	BM	BM	BS	BS	BM	BM	BS	BS	BS	BS	BS	BM	-	-	-	-	-	-	-	-				
	44499-0063	I8	I8BA	AM	AM	AM	AM	AS	AS	AS	AS	AS	AS	AS	AS	AS	AM	AM	AM	AM	-	-	-	-	-				
C	44499-0064	I8	I8BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AM	AM	AS	AS	AS	AS	AS	-	-	-	-	-				
	44499-0065	24	24BB	BS	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BM	BS	BM				
	44499-0066	I8	I8BA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AM	AS	AS	AS	AM	-	-	-	-	-				
	44499-0067	O6	O6AA	AS	AS	AM	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
B	44499-0068	24	24AA	AS	AS	AS	AS	AS	AS	AS	AS	AS	AM	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS				
	44499-0069	I8	I8BA	AS	AM	AS	AS	AS	AM	AS	AS	AS	AS	AM	AS	AS	AS	AS	AM	-	-	-	-	-	-				
	44499-0070	IO	IOBA	AS	AS	AS	AS	AS	AM	AS	AS	AS	AM	-	-	-	-	-	-	-	-	-	-	-	-				
A	44499-0071	24	24BB	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BM	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS				
TERMINAL PLATING AND LENGTH CODE AS = 100 m.i. TIN, STANDARD LENGTH BS = 30 m.i. GOLD, STANDARD LENGTH CS = 30 mi SELECT GOLD, STANDARD LENGTH AM = 100 m.i. TIN, MATE-FIRST/BREAK-LAST BM = 30 m.i. GOLD, MATE-FIRST/BREAK-LAST CM = 30 mi SELECT GOLD, MATE-FIRST/BREAK-LAST V = VOID CIRCUIT				SEE SHEET ONE EC NO: UCP2007-2017 DRWNL SCHM IDT 2007/02/15 CHKD ABER 2007/02/16 APPR: FSN TH 2007/02/16				QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DIMENSION STYLE IN/MM DRAWN BY DATE LEM 04/29/99 CHECKED BY DATE MAB 04/29/99 APPROVED BY DATE RRE 04/29/99				SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION				TITLE SELECTIVELY-LOADED RT. ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) MOLEX INCORPORATED SDA-44499-* SHEET NO. 3 OF 4			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																													

CHARACTERISTICS LEGEND:

CIRCUIT SIZE (02-24)

HOUSING MATERIAL

A = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL
B = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL

TERMINAL PLATING

A = 100 m.i. TIN OVERALL
B = 30 m.i. GOLD OVERALL
C = 30 mi SELECT GOLD
* = MIXED TIN AND GOLD