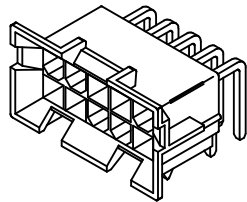
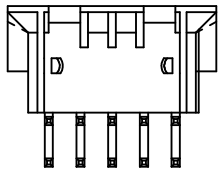
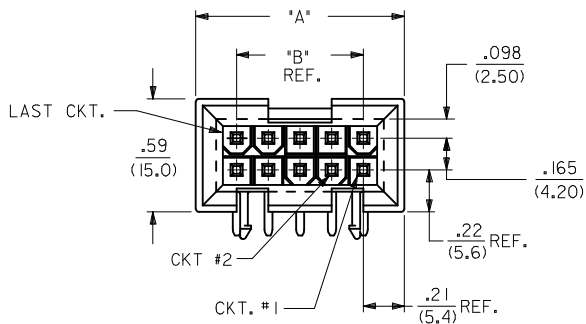
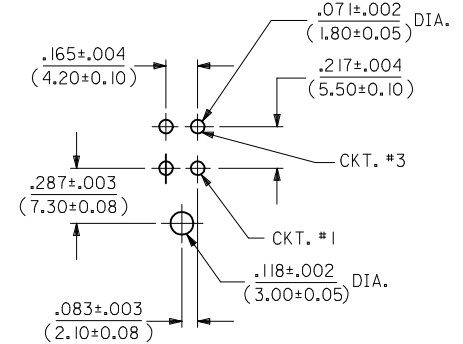
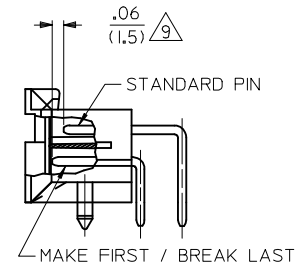
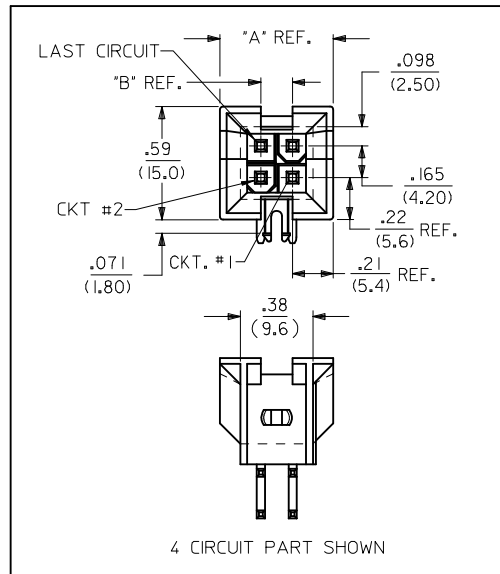
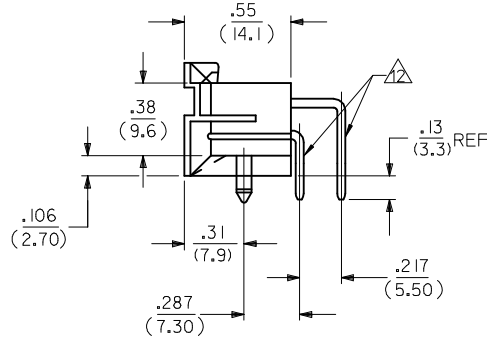


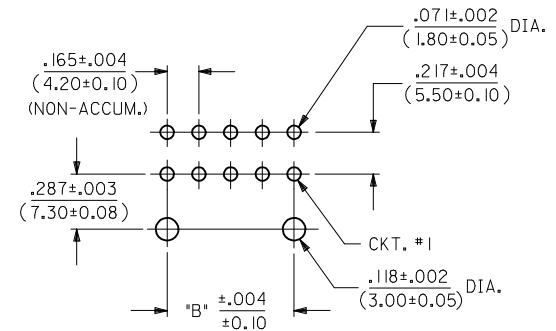
CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	—	—
4	.59 (15.0)	.165 (4.20)
6	.76 (19.2)	.331 (8.40)
8	.92 (23.4)	.496 (12.60)
10	1.09 (27.6)	.661 (16.80)
12	1.25 (31.8)	.827 (21.00)
14	1.42 (36.0)	.992 (25.20)
16	1.58 (40.2)	1.157 (29.40)
18	1.75 (44.4)	1.323 (33.60)
20	1.91 (48.6)	1.488 (37.80)
22	2.08 (52.8)	1.654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



A-44499-*



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



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

NOTES:

- 1) MATERIAL:
HOUSING: "A" = NYLON 6/6, UL 94V-2, COLOR: NATURAL
"B" = NYLON 6/6, UL 94V-0, COLOR: NATURAL
TERMINALS: BRASS
- 2) TERMINAL PLATING:
C = .000030/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN. MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
D = .000100/(.00254) MIN. MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
- 3) PRODUCT SPECIFICATION: PS-5556-002
- 4) PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-42404-002.
- 5) PART MATES WITH MINI-FIT JR. RECEPTACLE 5557, 42385, 42474
AND 44516. 2 CIRCUIT PARTS MATE WITH 42385, 42474, AND 44516 ONLY.
- 6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING
RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR
DRAWINGS FOR SPECIFIC ALLOWANCES.
- 7) PART IS NOT DESIGNED FOR CURRENT SHARING.
- 8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED
WHILE CIRCUITS ARE LIVE.
- 9) CIRCUITS SHOWN PROVIDE THE "MAKE-FIRST/BREAK-LAST" FEATURE.
- 10) PART CONFORMS TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002.
- 11) 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.

FORMING MARKS ARE ACCEPTABLE

ADD 44499-0066 EC NO: UCP2015-3172 DRWNG: 2015/02/05 CHKD: J.BELL APPR: FSMITH 2015/02/18	DESCRIPTION	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 AFG	DATE 1994/09/13	TITLE SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) molex				
			4 PLACES	± ---	± ---	CHECKED BY RJF	DATE 1994/09/13					
			3 PLACES	± ---	± .010	APPROVED BY FSMITH	DATE 2011/08/03					
			2 PLACES	± 0.25	± .015	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	1 PLACE	± 0.38	± ---	SEE CHART		SDA-44499-*		1 OF 3				
	0 PLACE	±		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	ANGULAR ±1/2°											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
	REV											

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 1.																															
			I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
J	44499-0005	24	24BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM					
	44499-0006	04	04BC	CS	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0027	10	10BD	DS	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
I	44499-0029	24	24BD	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM					
	44499-0036	24	24BD	DS	DS	DM	DM	DS	DS	DM	DS	DS	DS	DS	DS	DS	DM	DM	DM	DS	DS	DS	DS	DS	DM	DS	DS	DS						
	44499-0041	14	14AD	DS	DS	DS	V	DS	DS	DS	DM	DS	DS	V	DS	DS	DM	-	-	-	-	-	-	-	-	-	-	-						
H	44499-0042	10	10BC	CS	CS	CS	CS	CS	CS	CS	CS	CS	CM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0049	24	24AD	DM	DM	DM	DM	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS						
	44499-0055	10	10BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
G	44499-0061	06	06BD	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0065	24	24BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	DS	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	CM						
	44499-0066	18	18BD	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DM	DS	DS	DS	DM	-	-	-	-	-	-	-						
F	44499-0073	06	06BC	CS	CM	CM	CM	CM	CM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0075	18	18AD	DM	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DM	-	-	-	-	-	-	-	-						
	44499-0078	18	18BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	-	-	-	-	-	-	-	-						
E	44499-0089	10	10BC	CS	CS	CM	CS	CS	CM	CM	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0090	24	24BD	DS	DS	DM	DM	DM	DS	DS	DS	DS	DM	DS	DS	DS	DS	DM	DS	DS	DS	DS	DS	DS	DM	DM	DS							
	44499-0092	04	04BD	DS	DM	DM	DS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
D	44499-0093	04	04BC	CS	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0094	18	18BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	-	-	-	-	-	-	-	-						
	44499-0095	18	18BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CM	CM	-	-	-	-	-	-	-						
C	44499-0096	24	24AD	DM	DM	V	DM	DM	V	DM	DM	DM	DM	DM	DM	DM	V	DM	DM	V	DM	DM	DM	DM	DM	DM	DM	DM						
	44499-0097	14	14BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-						
	44499-0099	24	24BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS						
B	44499-0100	24	24BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM						
	44499-0101	14	14BC	CM	CS	CM	CM	CS	CM	CM	CM	CM	CM	CM	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-						
	44499-0102	24	24BC	CM	CM	CS	CS	CS	CS	CS	CS	CS	CS	CM	CM	CM	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CM	CM						
A	44499-0103	24	24AD	DM	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DM						
	44499-0104	24	24BC	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CS	CM	CM	CS	CM	CM	CM	CM	CM	CM	CS	CM	CM						
	44499-0105	16	16BC	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CM	CS	-	-	-	-	-	-	-	-	-	-						
	44499-0106	08	08BC	CS	CS	CM	CS	CS	CS	CM	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0107	24	24AD	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM						
	44499-0108	14	14BC	CS	CS	CS	CS	CS	CS	CS	CM	CS	CS	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-	-						
	44499-0109	24	24BC	CM	CS	CS	CM	CS	CS	CS	CS	CS	CS	CS	CS	CM	CS	CS	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS						
	44499-0111	06	06BC	CM	CS	CS	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	44499-0112	24	24BC	CS	CM	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CM	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS						
TERMINAL PLATING AND LENGTH CODE CS = SELECT GOLD, STANDARD LENGTH DS = MATTE TIN, STANDARD LENGTH CM = SELECT GOLD, MATE-FIRST/BREAK-LAST (LONGER) DM = MATTE TIN, MATE-FIRST/BREAK-LAST (LONGER) V = VOID CIRCUIT													SEE SHEET 1 EC NO: UCP2015-3172 2015/02/05 DRAWNGB 2015/02/05 CHKD:JBELL APPR:FSM1TH		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ±.010 2 PLACES ±.025 ±.015 1 PLACE ±.038 ± --- 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DIMENSION STYLE IN/MM DRAWN BY DATE AFG 1994/09/13 CHECKED BY DATE RJF 1994/09/13 APPROVED BY DATE FSM1TH 2011/08/03				SCALE 1:1 DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) molex DOCUMENT NO. SDA-44499-* SHEET NO. 2 OF 3					
12													11		10		9		8		7		6		5		4		3		2		1	

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 1.																								
			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	44499-0113	24	24BD	DS	V	DS	V	DS	V	DS	V	V	DS	DS	DS	V	DS	V	DS	V	DS	V	V	DS	DS	DS	
	44499-0114	14	14BD	DS	V	DS	V	DS	V	DS	DS	V	DS	V	DS	-	-	-	-	-	-	-	-	-	-		
	44499-0115	18	18BD	DS	V	V	DS	V	V	DS	DS	DS	DS	V	V	DS	V	V	DS	DS	DS	-	-	-	-	-	
I	44499-0116	04	04BD	DS	DS	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	44499-0117	10	10BD	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-		
	44499-0118	14	14BD	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-		
	44499-0119	14	14BC	CM	CM	CM	CM	CS	CM	CS	CM	CM	CM	CM	CM	CS	-	-	-	-	-	-	-	-	-		
	44499-0120	14	14BC	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CM	CS	CM	CM	-	-	-	-	-	-	-	-		
H	44499-0121	10	10BC	CM	CS	CS	CS	CS	CM	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-		
	44499-0122	18	18BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	CS	CM	CM	CM	CM	CM	-	-	-	-	-		
	44499-0123	10	10BD	DS	V	DS	V	DS	DS	V	DS	V	DS	-	-	-	-	-	-	-	-	-	-	-	-		
	44499-0124	14	14BC	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	CM	CS	CM	CM	-	-	-	-	-	-	-	-		
G	44499-0125	14	14BC	CM	CM	CM	CM	CS	CM	CM	CM	CM	CS	CM	CM	CM	-	-	-	-	-	-	-	-	-		
	44499-0126	14	14BC	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CS	CS	CM	CM	-	-	-	-	-	-	-	-		
	44499-0127	18	18BD	DM	DM	DM	DM	DM	DS	DS	DM	DS	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-		
	44499-0128	14	14BC	CM	CM	CM	CS	CS	CM	CS	CM	CM	CM	CS	CM	CM	CS	-	-	-	-	-	-	-	-		
	44499-0129	14	14BD	DM	DM	DM	DS	DS	DM	DS	DM	DM	DM	DS	DS	DM	DS	-	-	-	-	-	-	-	-		
F																											
E																											
D																											
C																											
B																											
A																											
TERMINAL PLATING AND LENGTH CODE CS = SELECT GOLD, STANDARD LENGTH DS = MATTE TIN, STANDARD LENGTH CM = SELECT GOLD, MATE-FIRST/BREAK-LAST (LONGER) DM = MATTE TIN, MATE-FIRST/BREAK-LAST (LONGER) V = VOID CIRCUIT																											
SEE SHEET 1 EC NO: UCP2015-3172 2015/02/05 DRW:GB 2015/02/05 CHKD:JBELL 2015/02/18 APPR:FSM:TH REV D17 QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE AFG 1994/09/13 CHECKED BY DATE RJF 1994/09/13 APPROVED BY DATE FSM:TH 2011/08/03 MATERIAL NO. SEE CHART SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST) molex DOCUMENT NO. SDA-44499-* SHEET NO. 3 OF 3 SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																											
1b_frame_C_P_AM_T Rev. G 2012/01/11		12	11	10	9	8	7	6	5	4	3	2	1														

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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