

Excellent Integrated System Limited

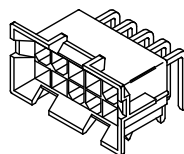
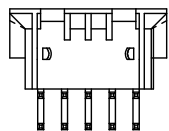
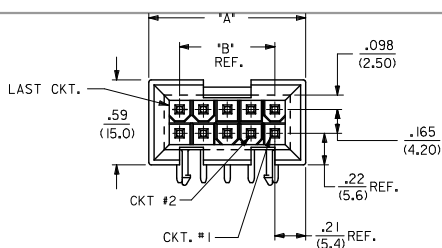
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

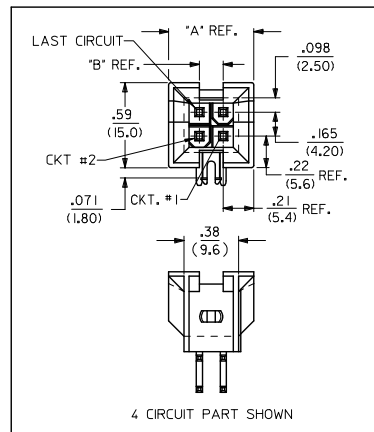
[Molex Connector Corporation](#)
[0444990055](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

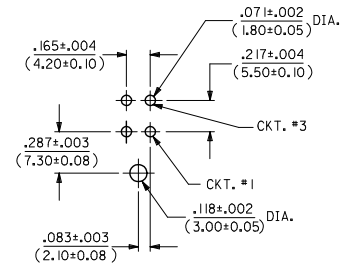
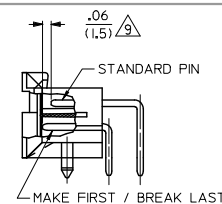
CIRCUIT SIZE	DIM. 'A'	DIM. 'B'
2	—	—
4	.59 (15.0)	.165 (4.20)
6	.76 (19.2)	.331 (8.40)
8	.92 (23.4)	.496 (12.60)
10	1.09 (27.6)	.661 (16.80)
12	1.25 (31.8)	.827 (21.00)
14	1.42 (36.0)	.992 (25.20)
16	1.58 (40.2)	1.157 (29.40)
18	1.75 (44.4)	1.323 (33.60)
20	1.91 (48.6)	1.488 (37.80)
22	2.08 (52.8)	1.654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



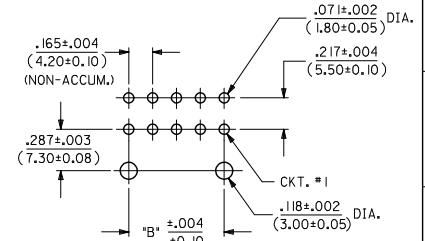
A-44499-*



4 CIRCUIT PART SHOWN



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
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 44499-0072	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
ADD 44499-0072	D18	▽=0	4 PLACES ± .015	INCH	DATE 1994/09/13	DATE 1994/09/13	DATE 2011/08/03	DATE 2011/08/03	DATE 2011/08/03	DATE 2011/08/03
EC NO: UCP-2016-2697		▽=0	3 PLACES ± .010	mm	CHECKED BY R/JF	APPROVED BY F/SMITH				
DRWNGES: 2016/01/07		▽=0	2 PLACES ± 0.25							
CHKD: 2016/01/11			1 PLACE ± 0.38							
APPR: F/SMITH			0 PLACE ±							
			ANGULAR ±1/2°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			SEE CHART							
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

SELECTIVELY-LOADED
RT ANGLE DUAL ROW HEADER
(MATE-FIRST/BREAK-LAST)

molex

SDA-44499-*

1 OF 3

ITEM NO.		CKT. CHARACTERISTIC SIZE	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	44499-0005	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
	44499-0006	04	04BC	CS	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	44499-0027	10	10BD	DS	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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
I	44499-0036	24	24BD	DS	DS	DM	DM	DS	DS	DM	DS	DS	DS	DS	DS	DS	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	-	-	-	-	-	-	-	-	-	-
	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
H	44499-0055	10	10BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	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	-	-	-	-	-	-
G	44499-0072	18	18BC	CS	CS	CS	CM	CM	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CM	CM	CS	-	-	-	-	-	-
	44499-0073	06	06BC	CS	CM	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	DS	DM	-	-	-	-	-	-
	44499-0078	18	18BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	-	-	-	-	-	-
F	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	DM	DS	DS	DS	DS	DS	DS	DM	DM	DS	DS
	44499-0092	04	04BD	DS	DM	DS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	44499-0093	04	04BC	CS	CM	CM	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	44499-0094	18	18BC	CM	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	-	-	-	-	-	-
	44499-0096	24	24AD	DM	DM	V	DM	DM	V	DM	DM	V	DM	DM	DM	DM	DM	V	DM	DM	V	DM	DM	DM	DM	DM	DM
	44499-0097	14	14BC	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	-	-	-	-	-	-	-	-	-	-
D	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	CS
	44499-0100	24	24BC	CS	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CS
	44499-0101	14	14BC	CM	CS	CM	CM	CS	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	CS	CS	CS	CS	CS	CS	CS	CS	CM	CM	CM
C	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	DM
	44499-0104	24	24BC	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CS	CM	CM
	44499-0105	16	16BC	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	-	-	-	-	-	-	-
	44499-0106	08	08BC	CS	CS	CM	CS	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	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
	44499-0108	14	14BC	CS	CS	CS	CS	CS	CS	CS	CM	CS	CS	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-
A	44499-0109	24	24BC	CM	CS	CS	CM	CS	CS	CS	CS	CS	CS	CM	CS	CM	CS	CM	CS	CM	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	CM	CM	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS

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

C = SELECT GOLD
D = MATTE TIN OVERALL
* = MIXED TIN AND GOLD

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

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE IN/MM

SCALE 1:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

TITLE SELECTIVELY-LOADED RT ANGLE DUAL ROW HEADER (MATE-FIRST/BREAK-LAST)

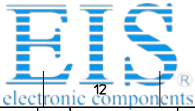
molex

MATERIAL NO. SDA-44499-*

DOCUMENT NO.

SHEET NO. 2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0444990055 - MINIFIT BMI RA DR HDR SELLOAD

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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
44499-0113	24	24BD	DS	V	DS	V	DS	V	DS	V	DS	DS	DS	V	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	V	DS	-	-	-	-	-	-	-	-	-	-
44499-0115	18	18BD	DS	V	V	DS	V	V	DS	DS	DS	DS	DS	V	V	DS	V	V	DS	DS	DS	-	-	-	-	-
44499-0116	04	04BD	DS	DS	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
44499-0117	10	10BD	DM	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	DM	DM	-	-	-	-	-	-	-	-	-	
44499-0119	14	14BC	CM	CM	CM	CM	CS	CM	CS	CM	CM	CM	CM	CM	CM	CS	-	-	-	-	-	-	-	-	-	
44499-0120	14	14BC	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CM	CS	CM	CM	-	-	-	-	-	-	-	-	-	
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	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	CS	CM	CM	CS	CM	CM	CM	-	-	-	-	-	-	-	-	-	
44499-0125	14	14BC	CM	CM	CM	CM	CS	CM	CM	CM	CS	CM	CM	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	DS	DS	DS	DM	DS	DM	DM	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	-	-	-	-	-	-	-	-	-	

CHARACTERISTICS LEGEND:

CIRCUIT SIZE
(02-24)

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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: UCP2016-2697 DRAWN BY: 2016/01/07 CHKD: 2016/01/11 APPROVED BY: 2016/01/11 REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
			IN/MM		1:1	METRIC	
			DRAWN BY DATE		TITLE		
			AFC 1994/09/13		SELECTIVELY-LOADED		
			CHECKED BY DATE		RT ANGLE DUAL ROW HEADER		
			R/JF 1994/09/13		(MATE-FIRST/BREAK-LAST)		
			APPROVED BY DATE		molex		
			FSMTH 2011/08/03				
			MATERIAL NO.				
			DOCUMENT NO.		SHEET NO.		
SEE CHART		SDA-44499-*		3 OF 3			
SIZE		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
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