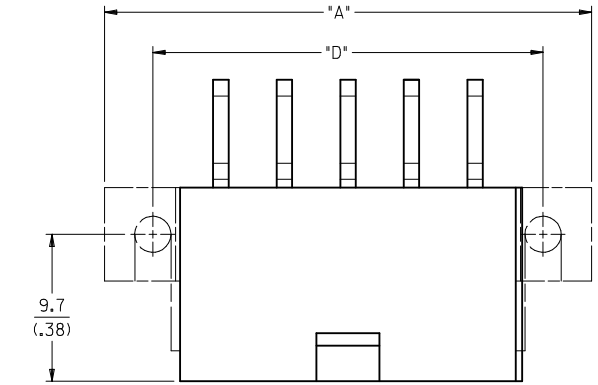
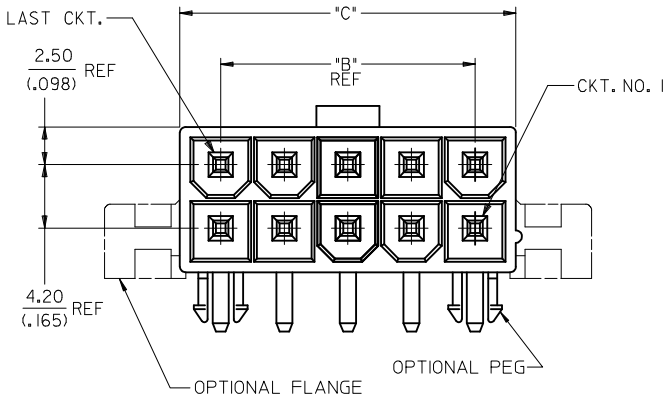
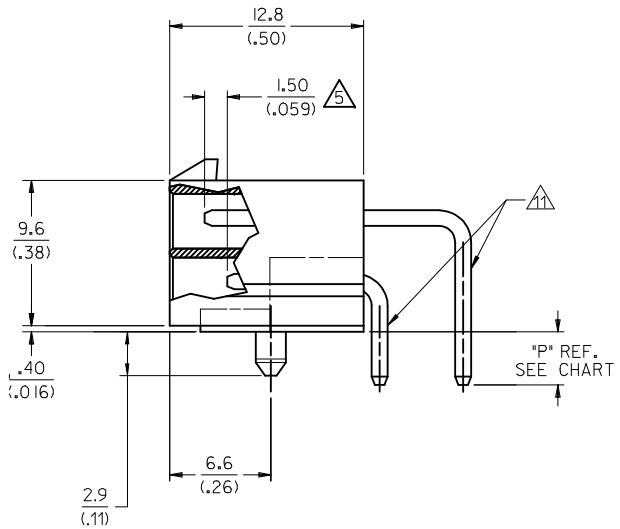
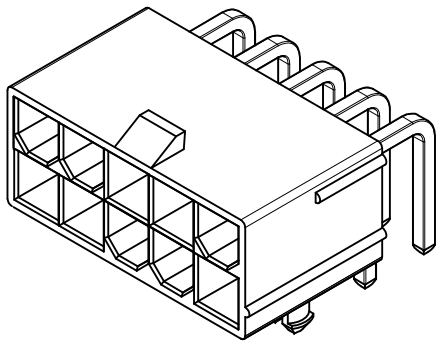






CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.606 (15.40)	N.A.	.213 (5.40)	.354 (9.00)
4	.772 (19.60)	.165 (4.20)	.378 (9.60)	.520 (13.20)
6	.937 (23.80)	.331 (8.40)	.543 (13.80)	.685 (17.40)
8	1.102 (28.00)	.496 (12.60)	.709 (18.00)	.850 (21.60)
10	1.268 (32.20)	.661 (16.80)	.874 (22.20)	1.016 (25.80)
12	1.433 (36.40)	.827 (21.00)	1.039 (26.40)	1.181 (30.00)
14	1.598 (40.60)	.992 (25.20)	1.205 (30.60)	1.346 (34.20)
16	1.764 (44.80)	1.157 (29.40)	1.370 (34.80)	1.512 (38.40)
18	1.929 (49.00)	1.323 (33.60)	1.535 (39.00)	1.677 (42.60)
20	2.094 (53.20)	1.488 (37.80)	1.701 (43.20)	1.843 (46.80)
22	2.260 (57.40)	1.654 (42.00)	1.866 (47.40)	2.008 (51.00)
24	2.425 (61.60)	1.819 (46.20)	2.031 (51.60)	2.173 (55.20)

NOTES:
1) MATERIALS:
HOUSING MATERIAL OPTIONS: SEE CHART FOR SPECIFIC PART
NYLON (PA66), UNFILLED, UL94V-2, COLOR: NATURAL
NYLON (PA66), UNFILLED, UL94V-2, COLOR: BLACK
NYLON (PA66), UNFILLED, UL94V-0, COLOR: NATURAL
NYLON (PA66), UNFILLED, UL94V-0, COLOR: BLACK
TERMINALS: BRASS
2) FINISH (PLATING) OPTIONS: SEE CHART FOR SPECIFIC PART
"GS" = 0.00076/(.000030) MIN. SELECT GOLD AND
0.00254/(.0000100) SELECT MATTE TIN OVER
0.00127/(.000050) MIN. NICKEL
"MS" = 0.00254/(.000100) MIN. MATTE TIN OVER
0.00127/(.000050) MIN. NICKEL
3) PRODUCT SPECIFICATION: PS-5556-001
4) PACKAGING: SEE CHART: BULK PER PK-5569-002
TRAY PER PK-5569-003
5) CIRCUITS SHOWN PROVIDE THE MAKE-FIRST/BREAK-LAST FEATURE. SEE CHARTS ON SHEETS 3 & 4 FOR SPECIFIC CIRCUIT LOCATIONS.
6) PART MATES WITH MINI-FIT JR. RECEPTACLE #5557.
7) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
8) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
9) 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, IF PRESENT, IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT EFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
11) FORMING MARKS ARE ACCEPTABLE.



ADD -0039
EC NO: UCP2014-5058 2014/06/02
DRWN: JDFOX 2014/06/02
CHKD: JBELL
APPR: FSMITH 2014/06/05
DESCRIPTION
REV
E5

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .15
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

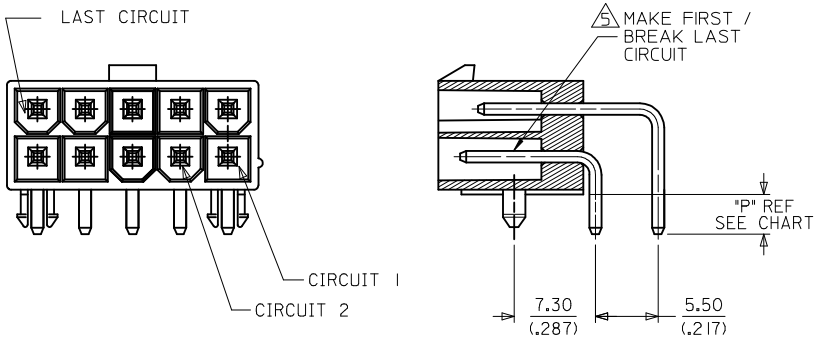
DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

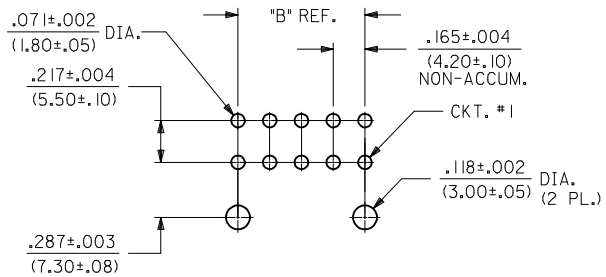
		DATE
DRAWN BY	POLGAR	1998/01/23
CHECKED BY	BANDURA	1998/01/28
APPROVED BY	FSMITH	2011/05/18

TITLE: MINI-FIT JR RIGHT ANGLE HEADER ASSY CUSTOM HEADERS
molex
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44130-001
SHEET NO.: 1 OF 4
SIZE: C

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

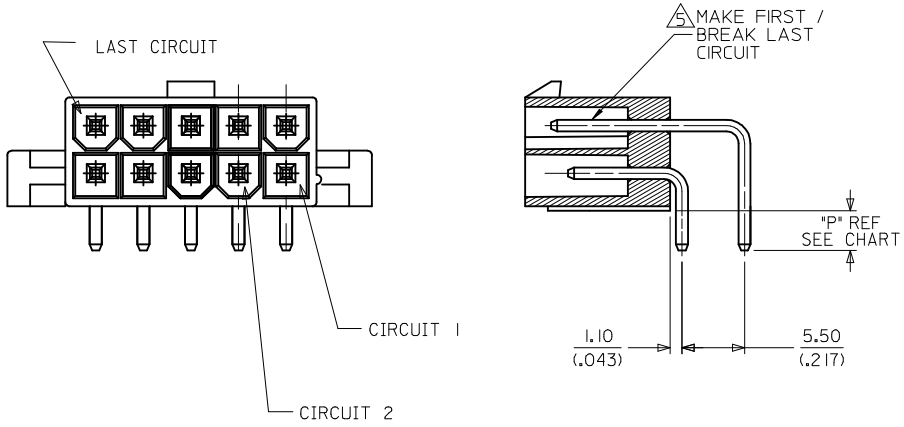
HOUSING WITH PEGS

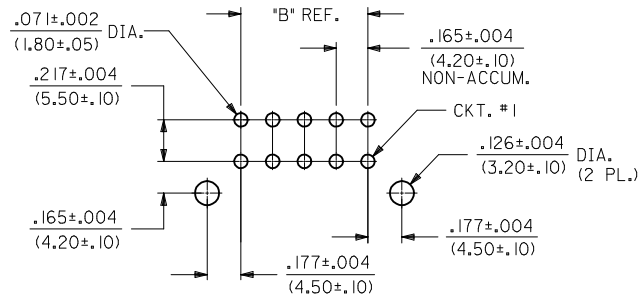




RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD.
(PEG MOUNT)

HOUSING WITH FLANGE





RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD.
(FLANGE MOUNT)

SEE SHEET 1
EC NO: UCP2014-5058 2014/06/02
DRWN: JDFOX 2014/06/02
CHKD: JBELL 2014/06/05
APPR: FSMITH 2014/06/05
DESCRIPTION
E5
REV

QUALITY SYMBOLS
F1 =0
F2 =0
F3 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .15
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	POLGAR	1998/01/23
CHECKED BY	BANDURA	1998/01/28
APPROVED BY	FSMITH	2011/05/18

TITLE
MINI-FIT JR
RIGHT ANGLE HEADER ASSY
CUSTOM HEADERS

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44130-001
SHEET NO.: 2 OF 4
SIZE: C

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

MATERIAL NUMBER	HOUSING MAT'L/COLOR	NO OF CKT	HOUSING OPTION	PKG	FINISH SEE NOTE #2	PIN IDENTIFICATION CODE / CIRCUIT LOCATION (SEE CHART BELOW) V = VOID																							
						CKT 1	CKT 2	CKT 3	CKT 4	CKT 5	CKT 6	CKT 7	CKT 8	CKT 9	CKT 10	CKT 11	CKT 12	CKT 13	CKT 14	CKT 15	CKT 16	CKT 17	CKT 18	CKT 19	CKT 20	CKT 21	CKT 22	CKT 23	CKT 24
44130-0001	NYLON 94V-2/BLACK	06	PEG	TRAY	MS	1	1	1	1	2	1																
44130-0002	NYLON 94V-2/BLACK	08	PEG	TRAY	MS	2	1	1	1	1	1	1	1														
44130-0003	NYLON 94V-0/BLACK	08	PEG	TRAY	MS	2	1	1	1	1	1	1	1														
44130-0004	NYLON 94V-0/BLACK	06	PEG	TRAY	MS	1	1	1	1	2	1																
44130-0006	NYLON 94V-0/NATURAL	04	PEG	BULK	MS	2	3	2	2																		
44130-0007	NYLON 94V-0/NATURAL	06	PEG	BULK	MS	2	1	1	2	2	2																
44130-0008	NYLON 94V-0/NATURAL	10	FLANGES	BULK	MS	4	4	4	4	4	4	4	4	4	4												
44130-0009	NYLON 94V-0/NATURAL	06	PEG	TRAY	MS	V	1	1	2	2	2																
44130-0013	NYLON 94V-2/NATURAL	06	FLANGES	TRAY	MS	2	2	2	1	2	2																
44130-0015	NYLON 94V-2/NATURAL	24	PEG	TRAY	MS	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
44130-0017	NYLON 94V-0/BLACK	08	PEG	TRAY	MS	1	2	1	1	1	1	1	1														
44130-0018	NYLON 94V-0/NATURAL	02	PEG	BULK	MS	2	1																				
44130-0024	NYLON 94V-0/NATURAL	08	PEG	BULK	GS	2	2	5	2	2	5	2	2														
44130-0026	NYLON 94V-2/NATURAL	04	PEG	BULK	MS	8	8	8	8																		
44130-0027	NYLON 94V-0/NATURAL	02	PEG	BULK	MS	5	5																				
44130-0028	NYLON 94V-0/NATURAL	04	PEG	BULK	MS	8	8	8	8																		
44130-0030	NYLON 94V-0/NATURAL	06	PEG	TRAY	GS	2	1	2	2	2	2																
44130-0031	NYLON 94V-0/NATURAL	08	PEG	BULK	MS	9	9	9	9	9	9	9															

PIN ID	MATING CONFIGURATION	DIM P (PCB TAIL LENGTH)
1	MAKE FIRST/BREAK LAST (LONGER PIN)	3.5 (.14)
2	STANDARD MATING	3.5 (.14)
3	MAKE FIRST/BREAK LAST (LONGER PIN)	4.9 (.19)
4	STANDARD MATING	6.0 (.24)
5	MAKE FIRST/BREAK LAST (LONGER PIN)	4.2 (.17)
6	STANDARD MATING	4.2 (.17)
8	STANDARD MATING	5.30 (.209)

PIN ID	MATING CONFIGURATION	DIM P (PCB TAIL LENGTH)
9	STANDARD MATING	8.0 (.31)

SEE SHEET 1
EC NO: UCP2014-5058 2014/06/02
DRWN: JDFOX 2014/06/02
CHKD: JBELL 2014/06/05
APPR: FSMITH 2014/06/05
DESCRIPTION
E5
REV

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .15
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: POLGAR DATE: 1998/01/23
CHECKED BY: BANDURA DATE: 1998/01/28
APPROVED BY: FSMITH DATE: 2011/05/18

TITLE: MINI-FIT JR RIGHT ANGLE HEADER ASSY CUSTOM HEADERS

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44130-001
SHEET NO.: 3 OF 4
SIZE: C

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

MATERIAL NUMBER	HOUSING MAT'L/COLOR	NO OF CKT	HOUSING OPTION	PKG	FINISH SEE NOTE #2	PIN IDENTIFICATION CODE / CIRCUIT LOCATION (SEE CHART BELOW) V = VOID																							
						CKT 1	CKT 2	CKT 3	CKT 4	CKT 5	CKT 6	CKT 7	CKT 8	CKT 9	CKT 10	CKT 11	CKT 12	CKT 13	CKT 14	CKT 15	CKT 16	CKT 17	CKT 18	CKT 19	CKT 20	CKT 21	CKT 22	CKT 23	CKT 24
44130-0032	NYLON 94V-0/NATURAL	16	PEG	TRAY	MS	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8								
44130-0036	NYLON 94V-2/NATURAL	06	PEG	TRAY	MS	2	1	2	2	1	2																		
44130-0037	NYLON 94V-0/NATURAL	06	PEG	TRAY	MS	2	V	2	2	V	2																		
44130-0038	NYLON 94V-2/NATURAL	10	PEG	TRAY	MS	2	V	2	V	2	2	V	2	V	2														
44130-0039	NYLON 94V-0/NATURAL	04	PEG	TRAY	MS	1	2	2	2																				

PIN ID	MATING CONFIGURATION	DIM P (PCB TAIL LENGTH)
1	MAKE FIRST/BREAK LAST (LONGER PIN)	3.5 (.14)
2	STANDARD MATING	3.5 (.14)
3	MAKE FIRST/BREAK LAST (LONGER PIN)	4.9 (.19)
4	STANDARD MATING	6.0 (.24)
5	MAKE FIRST/BREAK LAST (LONGER PIN)	4.2 (.17)
6	STANDARD MATING	4.2 (.17)
8	STANDARD MATING	5.30 (.209)

SEE SHEET 1
EC NO: UCP2014-5058 2014/06/02
DRWN: JDFOX 2014/06/02
CHKD: JBELL 2014/06/05
APPR: FSMITH 2014/06/05
DESCRIPTION
REV
E5

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .15
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: POLGAR DATE: 1998/01/23
CHECKED BY: BANDURA DATE: 1998/01/28
APPROVED BY: FSMITH DATE: 2011/05/18

TITLE: MINI-FIT JR RIGHT ANGLE HEADER ASSY CUSTOM HEADERS

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44130-001
SHEET NO.: 4 OF 4

SIZE: C

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Mouser Electronics

Authorized Distributor

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