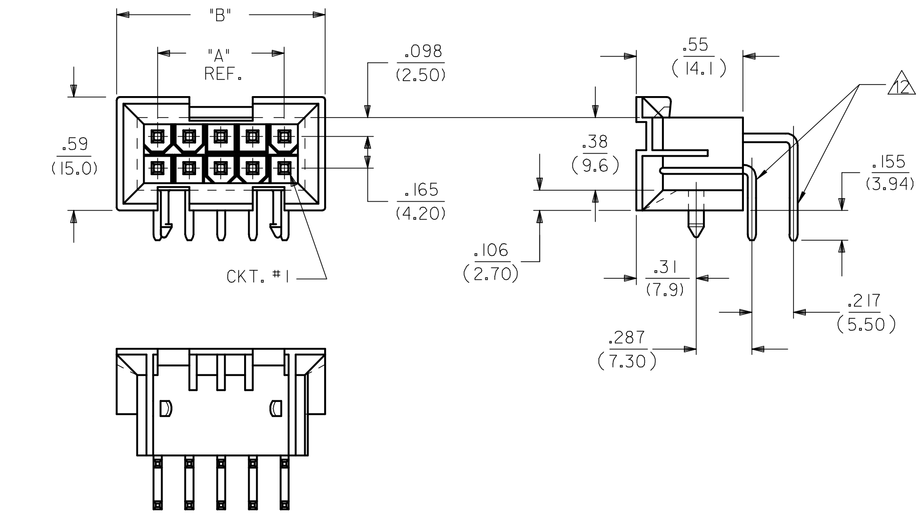
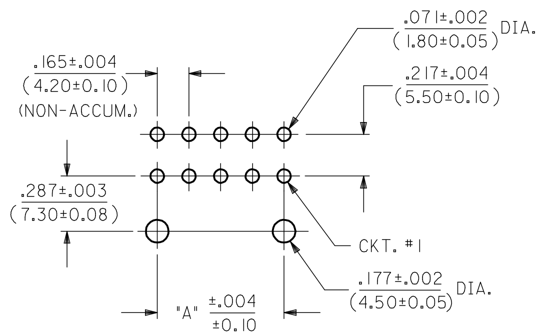
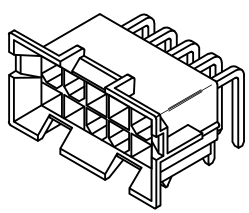
CIRCUIT SIZE	DIM. "A"	DIM. "B"
6	.331 (8.40)	.76 (19.2)
8	.496 (12.60)	.92 (23.4)
10	.661 (16.80)	1.09 (27.6)
12	.827 (21.00)	1.25 (31.8)
14	.992 (25.20)	1.42 (36.0)
16	1.157 (29.40)	1.58 (40.2)
18	1.323 (33.60)	1.75 (44.4)
20	1.488 (37.80)	1.91 (48.6)
22	1.654 (42.00)	2.08 (52.8)
24	1.819 (46.20)	2.24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





9 RECOMMENDED HOLE LAYOUT FOR .101/(2.56) MAX. THICK P.C. BOARD
(VIEWED FROM COMPONENT SIDE)



43644****

NOTES:

1) HOUSING MATERIAL:
   1 = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL.
   TERMINAL MATERIAL: BRASS ALLOY.
2) TERMINAL PLATING:
   1 = .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
   2 = .000030/(.00076) MIN. SELECT GOLD .000100/(.00254) MIN. SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
3) PRODUCT SPECIFICATION: PS-5556-002
4) PACKAGING SPECIFICATION: PK-42404-002
5) 4-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPTACLES #5557, #42385, #44516 AND #42474. 2 CKT. PART MATES WITH #42385, #44516 AND #42474 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) 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.
8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9) THIS HOLE PATTERN DOES NOT PROVIDE FOR LOCKING THE HOUSING TO THE P.C. BOARD
10) ITEM NUMBERS PRECEEDED BY AN "X" ARE NOT TOOLED.
11) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
12) FORMING MARKS ARE ACCEPTABLE

REV	DESCRIPTION
A1	CORRECT NOTE 2 EC NO: UCP2014-0298 2013/07/22 DRWN:NNGUYEN 2013/07/22 CH'KD:JBELL 2013/08/16 APPR:FSMITH

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

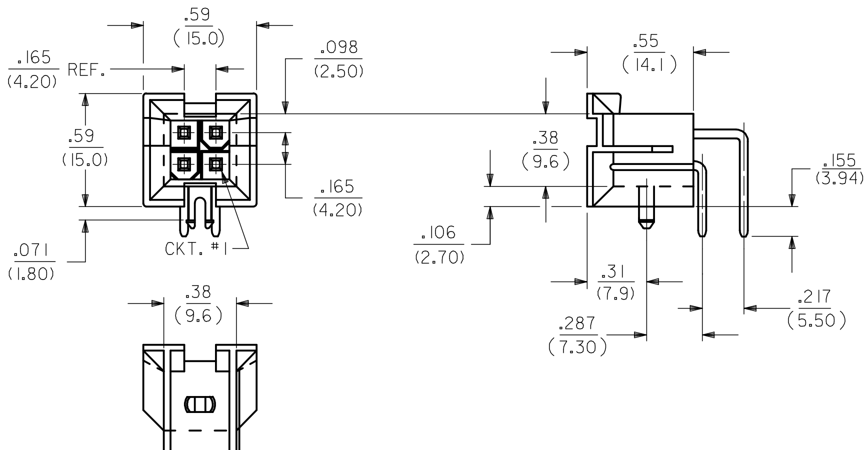
DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	ADRATNOL	2005/12/05
CHECKED BY	GPOLGAR	2005/12/05
APPROVED BY	FSMITH	2012/11/06

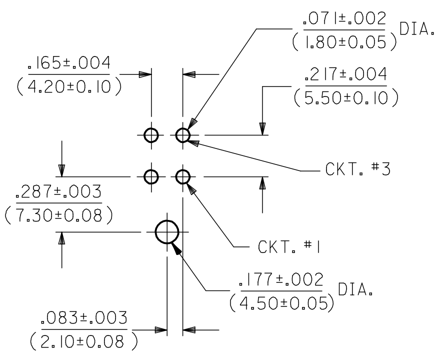
TITLE: MINI-FIT JR BMI RIGHT ANGLE HDR ASSY FOR .094/(2.40) PCB

molex

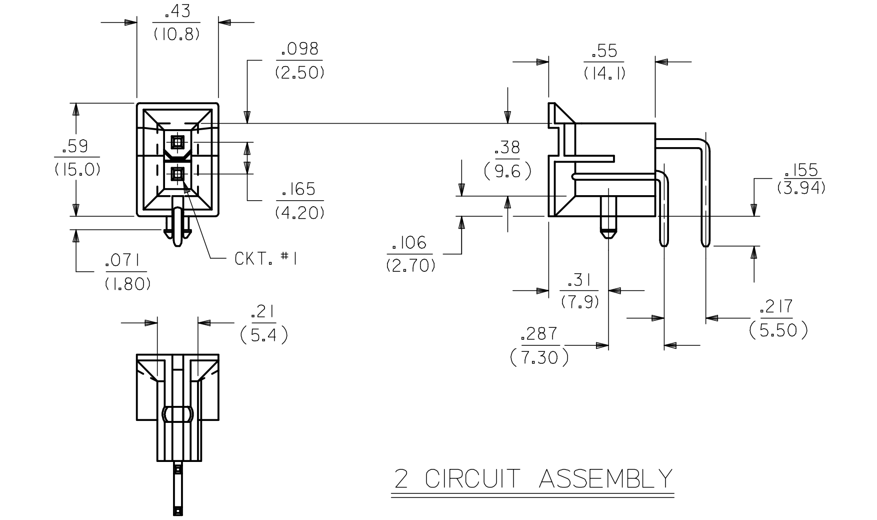
MATERIAL NO.: SEE SHEET 3
DOCUMENT NO.: SD-43644-002
SHEET NO.: 1 OF 3
SIZE: C



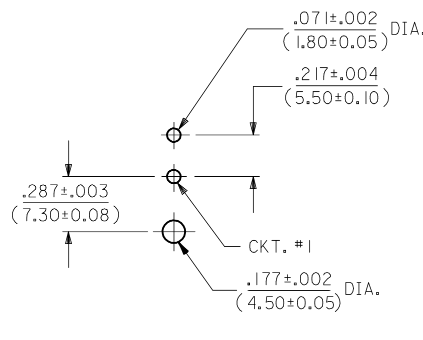
4 CIRCUIT ASSEMBLY



RECOMMENDED HOLE LAYOUT FOR
.101/(2.56) MAX. THICK P.C. BOARD
(VIEWED FROM COMPONENT SIDE)



2 CIRCUIT ASSEMBLY



RECOMMENDED HOLE LAYOUT FOR
.101/(2.56) MAX. THICK P.C. BOARD
(VIEWED FROM COMPONENT SIDE)

SEE SHEET ONE		
EC NO: UCP2014-0298		
DRWN:NNGUYEN	2013/07/22	
CHK'D:JBELL	2013/07/22	
APPR:FSMITH	2013/08/16	
A1	DESCRIPTION	REV

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

DRAWN BY ADRATNOL	DATE 2005/12/05	TITLE MINI-FIT JR BMI RIGHT ANGLE HDR ASSY FOR .094/(2.40) PCB
CHECKED BY GPOLGAR	DATE 2005/12/05	
APPROVED BY FSMITH	DATE 2012/11/06	molex
MATERIAL NO. SEE SHEET 3	DOCUMENT NO. SD-43644-002	SHEET NO. 2 OF 3
SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

ITEM NUMBER	CKT SIZE	HOUSING MATERIAL	PLATING (SEE NOTE 2)
	02		
	04		
	06		
	08		
	10		
	12		
	14		
	16		
	18		
	20		
	22		
	24		
	02		
	04		
	06		
	08		
	10		
	12		
	14		
	16		
	18		
	20		
	22		
	24		
	02		
	04		
	06		
	08		
	10		
	12		
	14		
	16		
	18		
	20		
	22		
	24		
	02		
	04		
	06		
	08		
	10		
	12		
	14		
	16		
	18		
	20		
	22		
	24		

	ITEM NUMBER	CKT SIZE	HOUSING MATERIAL	PLATING (SEE NOTE 2)
X	43644-0001	02	94V-0	MATTE TIN OVER NICKEL
X	-0002	04		
X	-0003	06		
X	-0004	08		
X	-0005	10		
X	-0006	12		
X	-0007	14		
X	-0008	16		
X	-0009	18		
X	-0010	20		
X	-0011	22		
	43644-0012	24	94V-0	MATTE TIN OVER NICKEL
X	43644-0013	02	94V-0	30 M.I. GOLD
X	-0014	04		
X	-0015	06		
X	-0016	08		
X	-0017	10		
X	-0018	12		
X	-0019	14		
X	-0020	16		
X	-0021	18		
X	-0022	20		
X	-0023	22		
X	43644-0024	24	94V-0	30 M.I. GOLD
		02		
		04		
		06		
		08		
		10		
		12		
		14		
		16		
		18		
		20		
		22		
		24		
		02		
		04		
		06		
		08		
		10		
		12		
		14		
		16		
		18		
		20		
		22		
		24		

SEE SHEET ONE
EC NO: UCP2014-0298 2013/07/22
DRWN:NNGUYEN 2013/07/22
CHKD:JBELL 2013/07/22
APPR:FSMITH 2013/08/16
DESCRIPTION
A1
REV

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

	DATE
DRAWN BY ADRATNOL	2005/12/05
CHECKED BY GPOLGAR	2005/12/05
APPROVED BY FSMITH	2012/11/06

TITLE
MINI-FIT JR BMI RIGHT ANGLE HDR ASSY FOR .094/(2.40) PCB

molex

MATERIAL NO. SEE CHART
DOCUMENT NO. SD-43644-002
SHEET NO. 3 OF 3
SIZE C