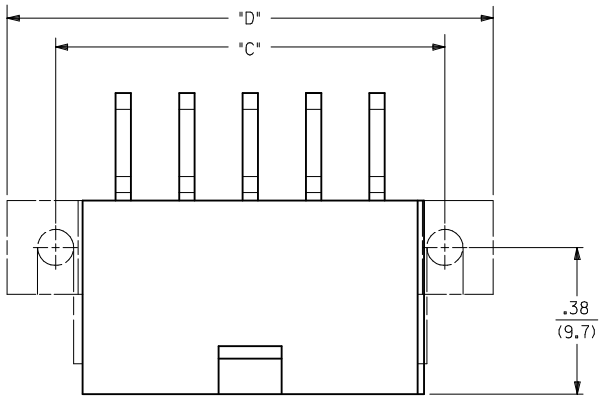
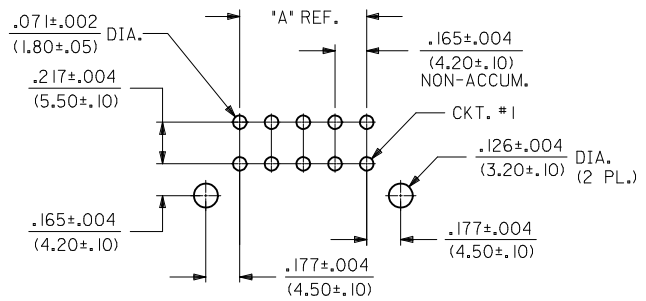
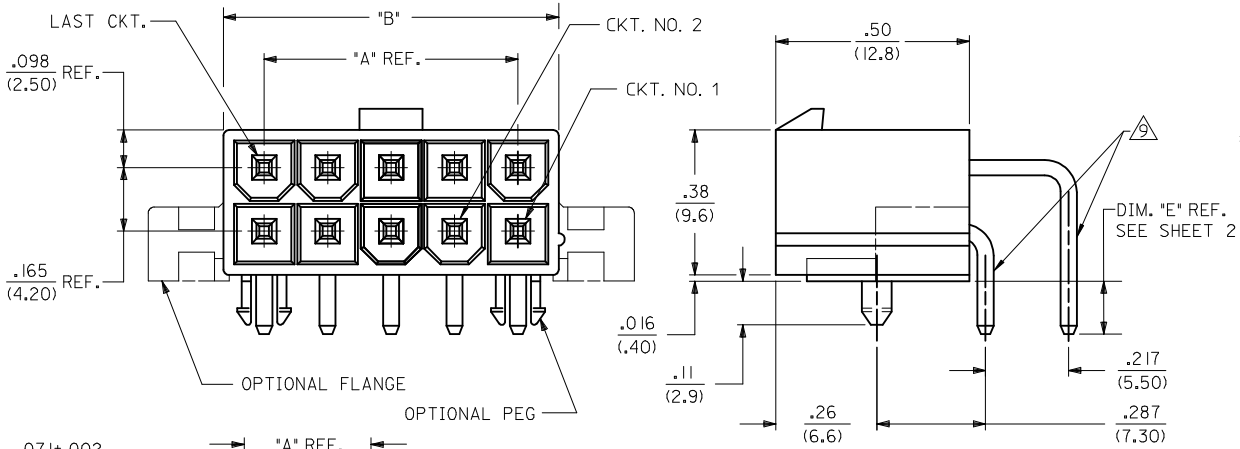
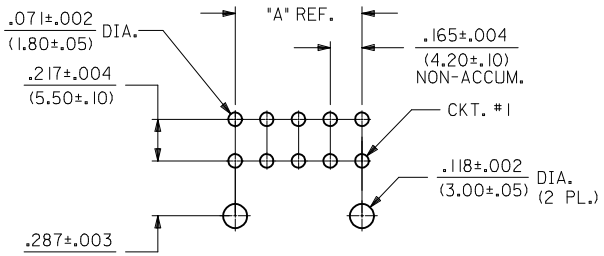




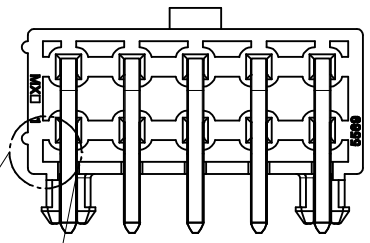
RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD.
(FLANGE MOUNT)

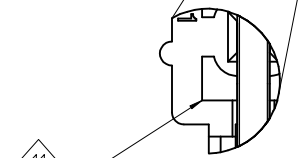
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	N.A.	.213 (5.40)	.354 (9.00)	.606 (15.40)
4	.165 (4.20)	.378 (9.60)	.520 (13.20)	.772 (19.60)
6	.331 (8.40)	.543 (13.80)	.685 (17.40)	.937 (23.80)
8	.496 (12.60)	.709 (18.00)	.850 (21.60)	1.102 (28.00)
10	.661 (16.80)	.874 (22.20)	1.016 (25.80)	1.268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





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





4 PLACES
APPLIES TO ALL CIRCUIT SIZES
BOTH PEGGED AND FLANGED

NOTES:

1) HOUSING MATERIAL:
"A" - NYLON 6/6, U.L. 94V-2,
COLOR: NATURAL.
"B" - NYLON 6/6, U.L. 94V-0,
COLOR: NATURAL.

2) TERMINAL MATERIAL: BRASS

3) PART MATES WITH MINI-FIT JR. RECEPTACLE #5557.

4) PACKAGING SPECIFICATION: BULK PACKED PER PK-5569-002
TRAY PACKED PER PK-5569-003

5) TERMINAL PLATING:
"D" - .000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL.
"E" - .000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL OVERALL.

6) MOUNTING OPTIONS:
"1" - PEGS
"2" - FLANGES

7) THIS PART CONFORMS TO CLASS B REQUIREMENT OF
COSMETIC SPECIFICATION PS-45499-002.

8) PRODUCT SPECIFICATION: PS-5556-001.

9) FORMING MARKS ARE ACCEPTABLE

10) 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.

11) CORNER CORE-OUTS ARE OPTIONAL AND MAY OR MAY NOT BE PRESENT

12) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

ADD BACK VIEW
EC NO: UCP2017-0438 2016/08/23
DRWN: CSLAFTER
CH'KD:
APPR: FSMITH 2016/09/21
DESCRIPTION
F5
REV

QUALITY SYMBOLS
F =0
F =0
F =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: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	FRY	12/28/92
CHECKED BY	FRY	12/28/92
APPROVED BY	FSMITH	2012/02/02

TITLE: SELECTIVELY-LOADED RIGHT ANGLE HEADER ASSEMBLY. (MINI-FIT, JR. SERIES)

molex

MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SDA-43215-*
SHEET NO.: 1 OF 2

SIZE: C

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

ITEM NO.	CKT. SIZE	CHARACTERISTIC DESCRIPTION	HOUSING OPTION	PLATING	LETTER INDICATES PIN PLATING REQUIRED AT EACH CIRCUIT LOCATION. "-" = VOID CIRCUIT. SEE NOTE 5 ON SHEET 1.																							DIM "E" REF.	PACKAGING
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
43215-0002	08	08A1E	PEGS	E	E	-	-	E	E	-	-	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	BULK
43215-0016	08	08B1E	PEGS	E	E	-	E	E	E	-	E	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY
43215-0017	14	14B2D	FLANGE	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-	-	-	-	-	.43 (11.0)	BULK
43215-0019	04	04B1E	PEGS	E	E	-	E	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY
43215-0020	06	06B1D	PEGS	D	D	-	D	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY
43215-0021	04	04B1D	PEGS	D	D	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY

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

MOUNTING OPTION
1 = PEGS
2 = FLANGES

PLATING COMBINATION
"D" = 30 M.I. SELECT GOLD
"E" = 100 M.I. MATTE TIN

SEE SHEET 1
EC NO: UCP2017-0438 2016/08/23
DRWN: CSLAFTER
CHKD:
APPR: FSMITH 2016/09/21
DESCRIPTION
REV
T5

QUALITY SYMBOLS
F =0
F =0
F =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: IN/MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: FRY DATE: 12/28/92
CHECKED BY: FRY DATE: 12/28/92
APPROVED BY: FSMITH DATE: 2012/02/02

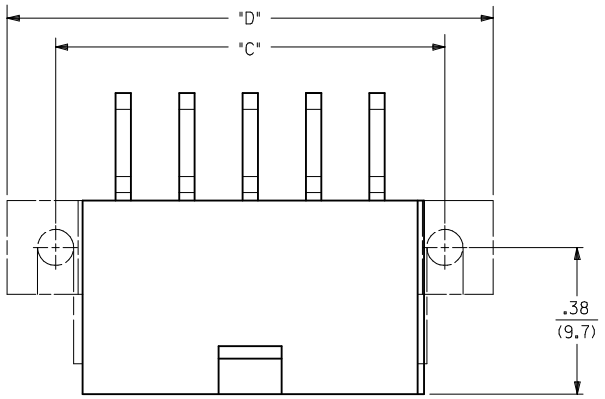
TITLE: SELECTIVELY-LOADED RIGHT ANGLE HEADER ASSEMBLY. (MINI-FIT, JR. SERIES)

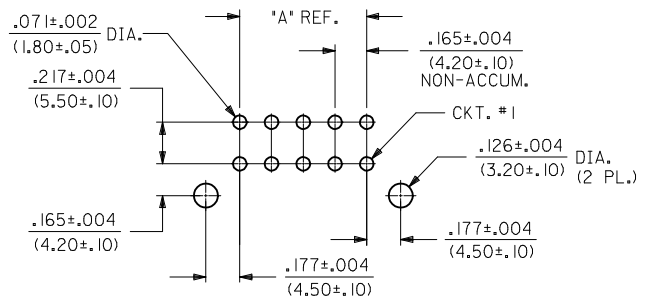
molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43215-*
SHEET NO.: 2 OF 2

SIZE: C

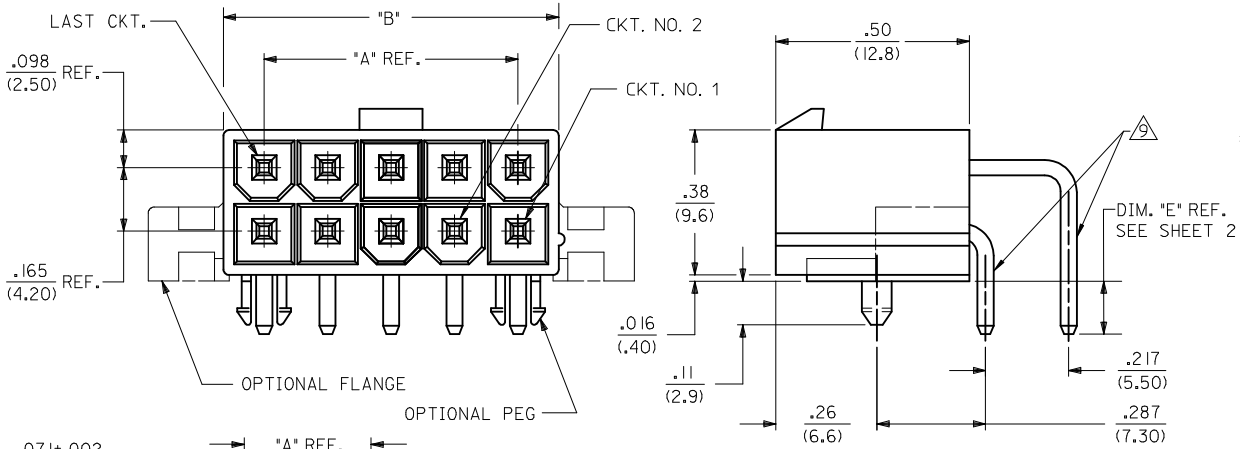
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

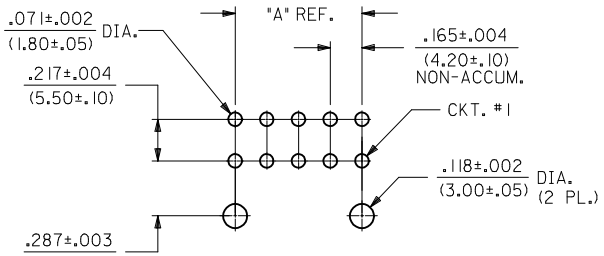




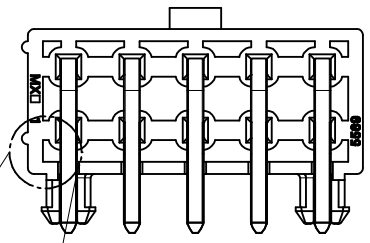
RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD.
(FLANGE MOUNT)

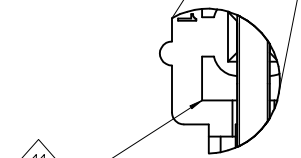
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	N.A.	.213 (5.40)	.354 (9.00)	.606 (15.40)
4	.165 (4.20)	.378 (9.60)	.520 (13.20)	.772 (19.60)
6	.331 (8.40)	.543 (13.80)	.685 (17.40)	.937 (23.80)
8	.496 (12.60)	.709 (18.00)	.850 (21.60)	1.102 (28.00)
10	.661 (16.80)	.874 (22.20)	1.016 (25.80)	1.268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





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





4 PLACES
APPLIES TO ALL CIRCUIT SIZES
BOTH PEGGED AND FLANGED

NOTES:

1) HOUSING MATERIAL:
"A" - NYLON 6/6, U.L. 94V-2,
COLOR: NATURAL.
"B" - NYLON 6/6, U.L. 94V-0,
COLOR: NATURAL.

2) TERMINAL MATERIAL: BRASS

3) PART MATES WITH MINI-FIT JR. RECEPTACLE #5557.

4) PACKAGING SPECIFICATION: BULK PACKED PER PK-5569-002
TRAY PACKED PER PK-5569-003

5) TERMINAL PLATING:
"D" - .000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL.
"E" - .000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL OVERALL.

6) MOUNTING OPTIONS:
"1" - PEGS
"2" - FLANGES

7) THIS PART CONFORMS TO CLASS B REQUIREMENT OF
COSMETIC SPECIFICATION PS-45499-002.

8) PRODUCT SPECIFICATION: PS-5556-001.

9) FORMING MARKS ARE ACCEPTABLE

10) 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.

11) CORNER CORE-OUTS ARE OPTIONAL AND MAY OR MAY NOT BE PRESENT

12) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

ADD BACK VIEW
EC NO: UCP2017-0438 2016/08/23
DRWN: CSLAFTER
CH'KD:
APPR: FSMITH 2016/09/21
DESCRIPTION
F5
REV

QUALITY SYMBOLS
F =0
F =0
F =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: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	FRY	12/28/92
CHECKED BY	FRY	12/28/92
APPROVED BY	FSMITH	2012/02/02

TITLE: SELECTIVELY-LOADED RIGHT ANGLE HEADER ASSEMBLY. (MINI-FIT, JR. SERIES)

molex

MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SDA-43215-*
SHEET NO.: 1 OF 2

SIZE: C

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

ITEM NO.	CKT. SIZE	CHARACTERISTIC DESCRIPTION	HOUSING OPTION	PLATING	LETTER INDICATES PIN PLATING REQUIRED AT EACH CIRCUIT LOCATION. "-" = VOID CIRCUIT. SEE NOTE 5 ON SHEET 1.																							DIM "E" REF.	PACKAGING
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
43215-0002	08	08A1E	PEGS	E	E	-	-	E	E	-	-	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	BULK
43215-0016	08	08B1E	PEGS	E	E	-	E	E	E	-	E	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY
43215-0017	14	14B2D	FLANGE	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-	-	-	-	-	.43 (11.0)	BULK
43215-0019	04	04B1E	PEGS	E	E	-	E	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY
43215-0020	06	06B1D	PEGS	D	D	-	D	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY
43215-0021	04	04B1D	PEGS	D	D	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13 (3.5)	TRAY

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

MOUNTING OPTION
1 = PEGS
2 = FLANGES

PLATING COMBINATION
"D" = 30 M.I. SELECT GOLD
"E" = 100 M.I. MATTE TIN

SEE SHEET 1
EC NO: UCP2017-0438 2016/08/23
DRWN: CSLAFTER
CHKD:
APPR: FSMITH 2016/09/21
DESCRIPTION
REV
T5

QUALITY SYMBOLS
F =0
F =0
F =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: IN/MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: FRY DATE: 12/28/92
CHECKED BY: FRY DATE: 12/28/92
APPROVED BY: FSMITH DATE: 2012/02/02

TITLE: SELECTIVELY-LOADED RIGHT ANGLE HEADER ASSEMBLY. (MINI-FIT, JR. SERIES)

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43215-*
SHEET NO.: 2 OF 2

SIZE: C

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