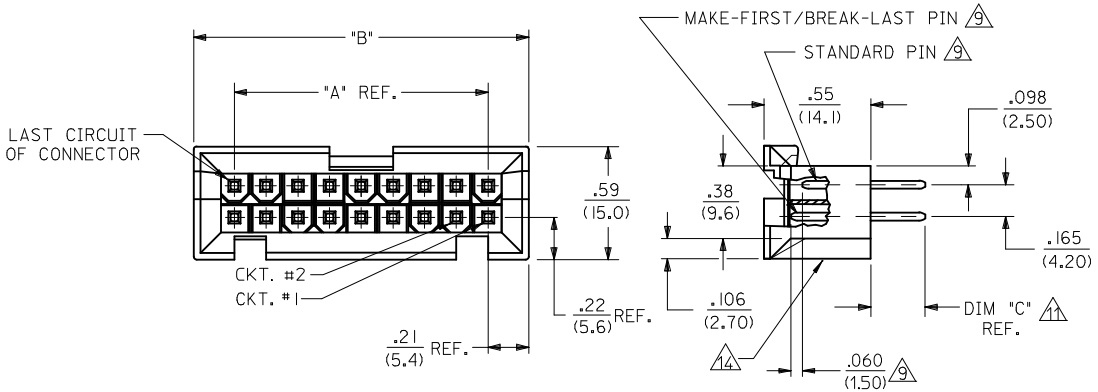
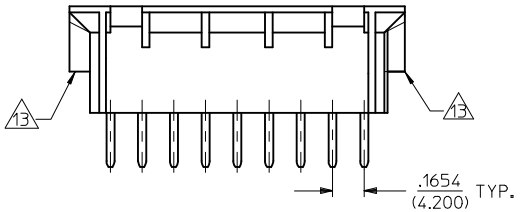
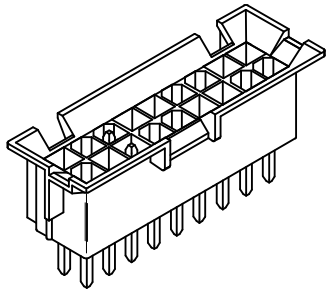




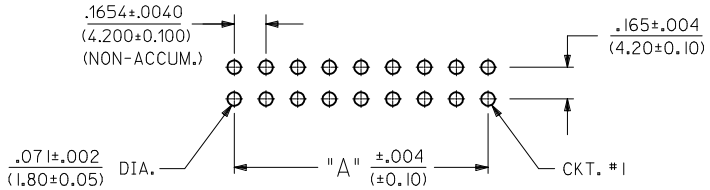


18 CKT PART SHOWN

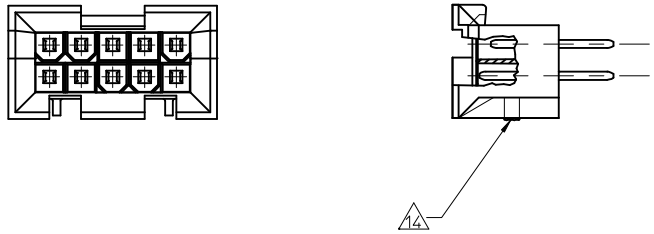
NOTES:

1) HOUSING MATERIAL: A = NYLON 6/6. U.L. 94V-2. COLOR: NATURAL.
   B = NYLON 6/6. U.L. 94V-0. COLOR: NATURAL.
   C = PBT POLYESTER 94V-0 COLOR: BLACK
   TERMINAL MATERIAL: BRASS ALLOY
2) TERMINAL PLATING
   A = .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL.
   C = .000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN.SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
   D = .000060/(0.00152) MIN REFLOWED MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL.
3) PRODUCT SPECIFICATION: PS-5556-002
4) PACKAGING IN TRAYS PER PK-42404-002 EXCEPT 43693-0024 PACKAGED BULK
5) PART MATES WITH MINI-FIT JR. RECEPTACLES 5557, 42385, 42474 AND 44516.
6) PART ALLOWS FOR UP TO .100(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCE.
7) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
8) CONNECTORS ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9) SEE CHART ON SHEET 2 FOR STANDARD, MAKE-FIRST/BREAK-LAST AND PLATING LOCATTIONS.
10) ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.
11) REFERENCE DIMENSION "C" NOT TO EXCEED .283/(7.20) NOMINAL.
12) 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.
13) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC ' SPECIFICATION PS-45499-002, EXCEPT CLASS "C" ON BOTH SIDE RIBS.
14) CUT OFF PEGS NOT TO PROTRUDE MORE THAN .030/(0.76) ON ALL CIRCUIT SIZES EXCEPT 18 CIRCUIT PARTS WILL NOT HAVE CUT OFF PEGS.

CKT. SIZE	DIM. "A"	DIM. "B"
36	2.811 (71.40)	3.236 (82.20)
24	1.819 (46.20)	2.244 (57.00)
22	1.654 (42.00)	2.079 (52.80)
20	1.488 (37.80)	1.913 (48.60)
18	1.323 (33.60)	1.748 (44.40)
16	1.157 (29.40)	1.583 (40.20)
14	.992 (25.20)	1.417 (36.00)
12	.827 (21.00)	1.252 (31.80)
10	.661 (16.80)	1.087 (27.60)
8	.496 (12.60)	.921 (23.40)
6	.331 (8.40)	.756 (19.20)
4	.165 (4.20)	.590 (15.00)
2	———	.425 (10.80)



RECOMMENDED HOLE LAYOUT FOR .062/(1.57) THICK P.C. BOARD



10 CKT SHOWN, VIEW APPLIES TO 4, 6, 10, 14, 16, & 24 CKT SIZES

UPDATE NOTE 14
EC NO: UCP2015-4258
DRWN: JMONTI 2015/06/25
CHKD: JBELL 2015/06/25
APPR: FSMITH 2015/07/10
DESCRIPTION
REV
D2

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: GEP DATE: 3/11/96
CHECKED BY: RFJ DATE: 3/11/96
APPROVED BY: RFJ DATE: 3/11/96
MATERIAL NO.: SEE CHART

TITLE: VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES
MOLEX INCORPORATED
DOCUMENT NO.: SDA-43693-****
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.	CHARACTERISTIC DESCRIPTION	CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: "S" = STD. LENGTH "M" = MAKE-FIRST/BREAK-LAST "V" = VOIDED CIRCUIT																																	DIM "C" REF.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
43693-0001	10AC	10	CS	CS	CM	CS	CS	CS	CS	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)
43693-0002	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)
43693-0005	16BA	16	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.81)
43693-0020	18BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.31)
43693-0022	10BA	10	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)
43693-0024	10BC	10	CS	CS	CM	CS	CS	CM	CM	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.321 (8.15)
43693-0027	18BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)
43693-0030	18BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)
43693-0031	18BA	18	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)
43693-0037	18BD	18	DS	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)

X = NOT AVAILABLE SEE NOTE 10

CHARACTERISTICS LEGEND:

CIRCUIT SIZE (02-24 & 36) — ** * *

HOUSING MAT'L. (SEE NOTE 1)
"A" = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL
"B" = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL
"C" = PBT POLYESTER 94V-0, COLOR: BLACK

TERMINAL PLATING (SEE NOTE 2)
A = MATTE TIN
C = SELECT GOLD
D = REFLOW MATTE TIN

SEE SHEET 1
EC NO: UCP2015-4258 2015/06/25
DRWN: JMONTI 2015/06/25
CHKD: JBELL 2015/07/10
APPR: FSMITH
DESCRIPTION
REV
D2

QUALITY SYMBOLS
E =0
F =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

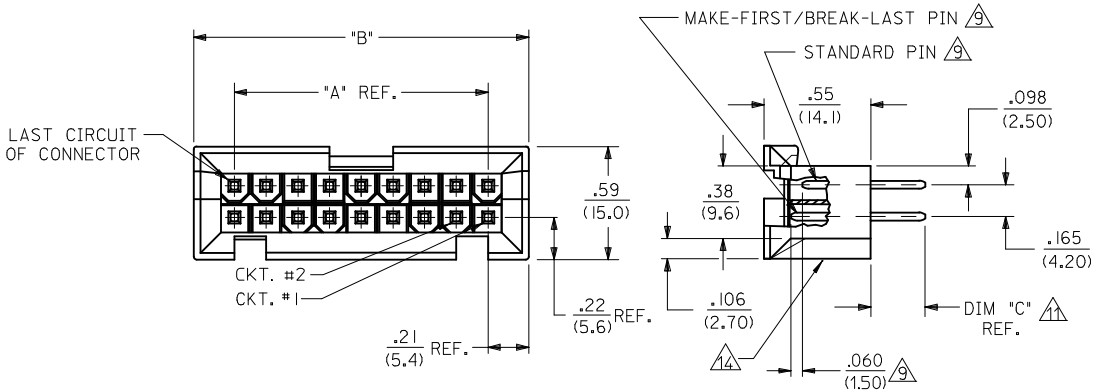
DRAWN BY	GEP
DATE	3/11/96
CHECKED BY	RFJ
DATE	3/11/96
APPROVED BY	RFJ
DATE	3/11/96

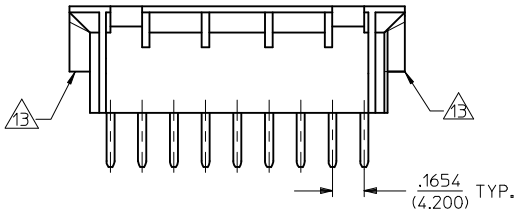
TITLE: VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES

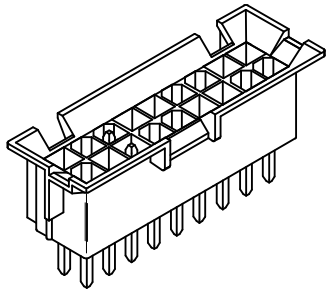
molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43693-****
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





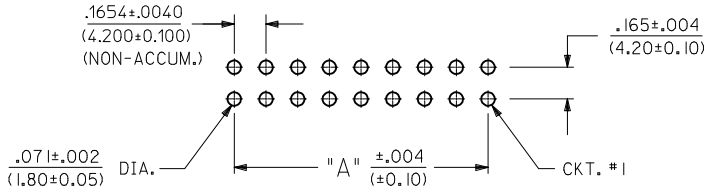


18 CKT PART SHOWN

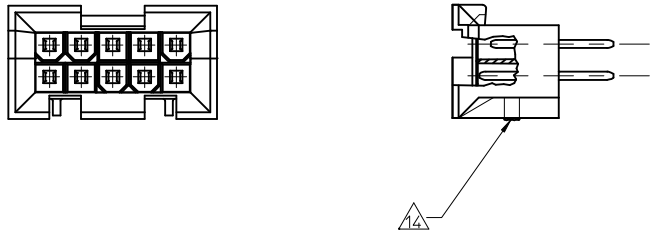
NOTES:

1) HOUSING MATERIAL: A = NYLON 6/6. U.L. 94V-2. COLOR: NATURAL.
   B = NYLON 6/6. U.L. 94V-0. COLOR: NATURAL.
   C = PBT POLYESTER 94V-0 COLOR: BLACK
   TERMINAL MATERIAL: BRASS ALLOY
2) TERMINAL PLATING
   A = .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL.
   C = .000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN.SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
   D = .000060/(0.00152) MIN REFLOWED MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL.
3) PRODUCT SPECIFICATION: PS-5556-002
4) PACKAGING IN TRAYS PER PK-42404-002 EXCEPT 43693-0024 PACKAGED BULK
5) PART MATES WITH MINI-FIT JR. RECEPTACLES 5557, 42385, 42474 AND 44516.
6) PART ALLOWS FOR UP TO .100(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCE.
7) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
8) CONNECTORS ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9) SEE CHART ON SHEET 2 FOR STANDARD, MAKE-FIRST/BREAK-LAST AND PLATING LOCATTIONS.
10) ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.
11) REFERENCE DIMENSION "C" NOT TO EXCEED .283/(7.20) NOMINAL.
12) 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.
13) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC ' SPECIFICATION PS-45499-002, EXCEPT CLASS "C" ON BOTH SIDE RIBS.
14) CUT OFF PEGS NOT TO PROTRUDE MORE THAN .030/(0.76) ON ALL CIRCUIT SIZES EXCEPT 18 CIRCUIT PARTS WILL NOT HAVE CUT OFF PEGS.

CKT. SIZE	DIM. "A"	DIM. "B"
36	2.811 (71.40)	3.236 (82.20)
24	1.819 (46.20)	2.244 (57.00)
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20	1.488 (37.80)	1.913 (48.60)
18	1.323 (33.60)	1.748 (44.40)
16	1.157 (29.40)	1.583 (40.20)
14	.992 (25.20)	1.417 (36.00)
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10	.661 (16.80)	1.087 (27.60)
8	.496 (12.60)	.921 (23.40)
6	.331 (8.40)	.756 (19.20)
4	.165 (4.20)	.590 (15.00)
2	———	.425 (10.80)



RECOMMENDED HOLE LAYOUT FOR .062/(1.57) THICK P.C. BOARD



10 CKT SHOWN, VIEW APPLIES TO 4, 6, 10, 14, 16, & 24 CKT SIZES

UPDATE NOTE 14
EC NO: UCP2015-4258
DRWN: JMONTI 2015/06/25
CHKD: JBELL 2015/06/25
APPR: FSMITH 2015/07/10
DESCRIPTION
REV
D2

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: GEP DATE: 3/11/96
CHECKED BY: RFJ DATE: 3/11/96
APPROVED BY: RFJ DATE: 3/11/96
MATERIAL NO.: SEE CHART

TITLE: VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES
MOLEX INCORPORATED
DOCUMENT NO.: SDA-43693-****
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.	CHARACTERISTIC DESCRIPTION	CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: "S" = STD. LENGTH "M" = MAKE-FIRST/BREAK-LAST "V" = VOIDED CIRCUIT																																	DIM "C" REF.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
43693-0001	10AC	10	CS	CS	CM	CS	CS	CS	CS	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)
43693-0002	24BA	24	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)
43693-0005	16BA	16	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.150 (3.81)
43693-0020	18BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.209 (5.31)
43693-0022	10BA	10	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)
43693-0024	10BC	10	CS	CS	CM	CS	CS	CM	CM	CM	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.321 (8.15)
43693-0027	18BA	18	AS	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)
43693-0030	18BA	18	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.283 (7.20)
43693-0031	18BA	18	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AS	AM	AM	AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.154 (3.91)
43693-0037	18BD	18	DS	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.258 (6.55)

X = NOT AVAILABLE SEE NOTE 10

CHARACTERISTICS LEGEND:

CIRCUIT SIZE (02-24 & 36) — ** * *

HOUSING MAT'L. (SEE NOTE 1)
"A" = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL
"B" = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL
"C" = PBT POLYESTER 94V-0, COLOR: BLACK

TERMINAL PLATING (SEE NOTE 2)
A = MATTE TIN
C = SELECT GOLD
D = REFLOW MATTE TIN

SEE SHEET 1
EC NO: UCP2015-4258 2015/06/25
DRWN: JMONTI 2015/06/25
CHKD: JBELL
APPR: FSMITH 2015/07/10
DESCRIPTION
REV
D2

QUALITY SYMBOLS
E =0
F =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .015
2 PLACES	± 0.38	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY	GEP
DATE	3/11/96
CHECKED BY	RFJ
DATE	3/11/96
APPROVED BY	RFJ
DATE	3/11/96

TITLE: VERT. HEADER ASSY WITH MAKE-FIRST/BREAK-LAST MINI-FIT B.M.I. SERIES

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43693-****
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

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Global Electronic Components Distributor

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190730231 430450225 447691602 5046940301 759001161 0190690033 151670255 417920538
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