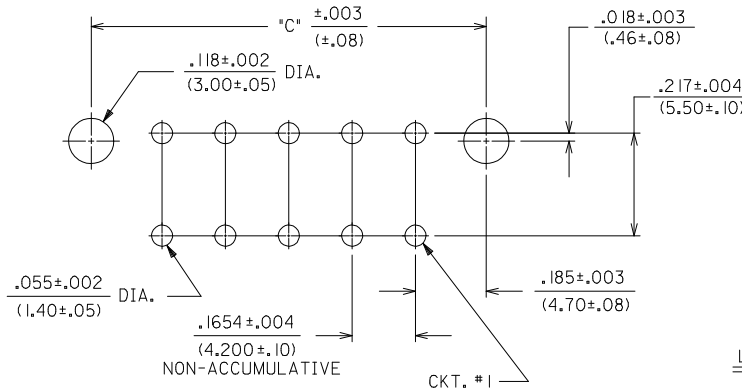
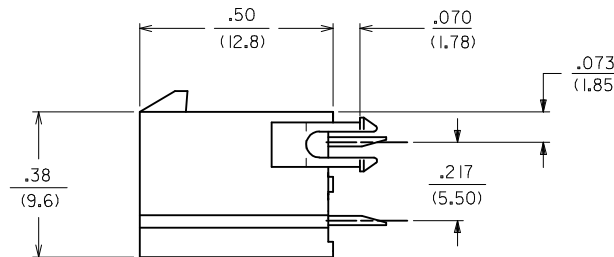
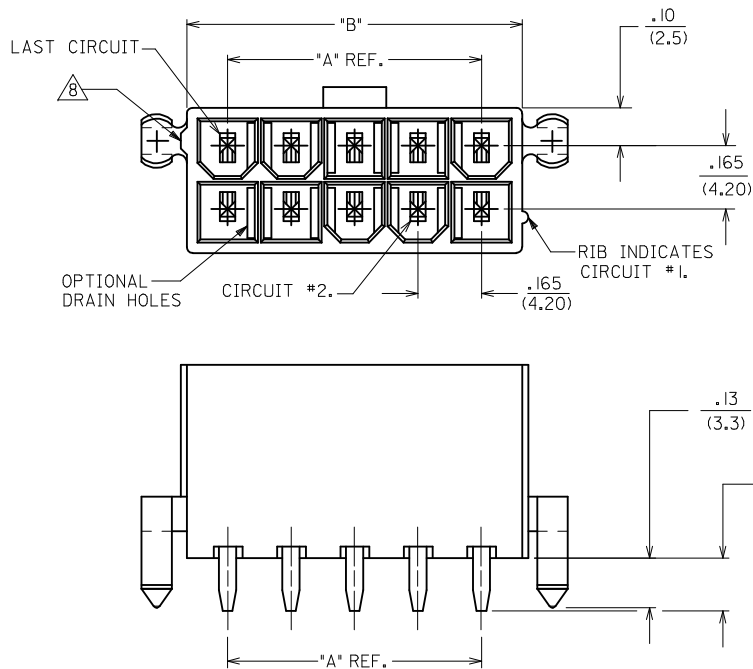
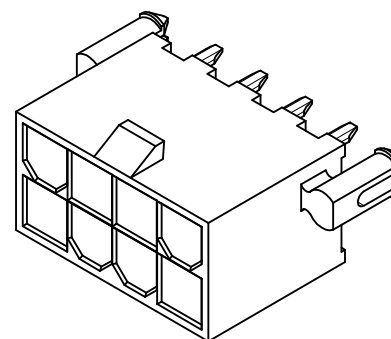




RECOMMENDED HOLE LAYOUT FOR .070 (1.78) MAX. THICK P.C. BOARD

VIEWED FROM COMPONENT SIDE



8 CKT SHOWN

LEGEND:

5566 - N * * * * *

BASE NUMBER

CIRCUIT SIZE

ASSEMBLY TYPE
A - W/O DRAIN HOLES
B - WITH DRAIN HOLES

MOUNTING OPTION
(SEE NOTE 6.)

PLATING
(SEE NOTE 2.)

HOUSING MAT'L.
(SEE NOTE 1.)

PACKAGING
BLANK = TRAY
I = TUBE

NOTES:

1) HOUSING MATERIAL:

"BLANK" - NYLON 6/6, UNFILLED U.L. 94V-2,
COLOR: NATURAL.

210 - NYLON 6/6, UNFILLED U.L. 94V-0,
COLOR: NATURAL.

BL - NYLON 6/6, UNFILLED U.L. 94V-2,
COLOR: BLACK.

TERMINAL MATERIAL: BRASS

2) TERMINAL PLATING:

"BLANK" - .000035/(.00090) MIN. TIN OVER
.000020/(.00050) MIN. COPPER.

GS - .000030/(.00076) MIN. SELECT GOLD
.000100/(.00254) MIN. SELECT MATTE TIN
OVER .000050/(.00127) MIN. NICKEL OVERALL.

GS2 - .000015/(.00038) MIN. SELECT GOLD AND
.000100/(.00254) MIN. SELECT MATTE TIN
OVER .000050/(.00127) MIN. NICKEL OVERALL.

S - .000100/(.00254) MIN. TIN
OVER .000050/(.00127) MIN. NICKEL.

3) PRODUCT SPECIFICATION: PS-5556-001

4) PACKAGING: SEE CHARTS

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

6) MOUNTING OPTIONS:

"BLANK" - NO MOUNTING
(SEE SD-5566-002 DWG.)

2 - PEG MOUNT

7) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

8) ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.

9) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

10) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

OBS P/N'S EC NO: UCP2014-2543 DRW: NGUYEN CHKD: J.BELL APPR: FSMITH	REV	DESCRIPTION 2013/12/16 2013/12/16 2014/01/06	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm		INCH		DRAWN BY R.J.F.	DATE 8/19/87	TITLE MINI-FIT JR. VERTICAL HEADER ASSEMBLIES WITH MOUNTING PEGS	SHEET NO. 1 OF 4
				4 PLACES ± --- ± ---		3 PLACES ± --- ± .015					
				3 PLACES ± --- ± .015		2 PLACES ± 0.38 ± .020		CHECKED BY GT	DATE 8/19/87		
				2 PLACES ± 0.38 ± .020		1 PLACE ± 0.50 ± ---					
				1 PLACE ± 0.50 ± ---		ANGULAR ±1/2°		APPROVED BY FSMITH		DATE 2012/01/10	molex MOLEX INCORPORATED
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHTS 2-4		DOCUMENT NO. SDA-5566-N*2*-*			
R6				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

	13	12	11	10	9	8	7	6	5	4	3	2	1			
J	PLATING:		35 M.I. TIN		PLATING:		35 M.I. TIN		PLATING:		30 M.I. GOLD		PLATING:		30 M.I. GOLD	
	DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES	
	MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS	
	HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL	
	PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001	
I	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS	
	39-29-9023	5566 -02A2	2		39-29-9027	5566 -02A2-210	2		39-29-9025	5566 -02A2GS	2		39-29-9029	5566 -02A2GS-210	2	
	39-29-9043	5566 -04A2	4		39-29-9047	5566 -04A2-210	4		39-29-9045	5566 -04A2GS	4		39-29-9049	5566 -04A2GS-210	4	
	39-29-9063	5566 -06A2	6		39-29-9067	5566 -06A2-210	6		39-29-9065	5566 -06A2GS	6		39-29-9069	5566 -06A2GS-210	6	
	39-29-9083	5566 -08A2	8		39-29-9087	5566 -08A2-210	8		39-29-9085	5566 -08A2GS	8		39-29-9089	5566 -08A2GS-210	8	
H	39-29-9103	5566 -10A2	10		39-29-9107	5566 -10A2-210	10		39-29-9105	5566 -10A2GS	10		39-29-9109	5566 -10A2GS-210	10	
	39-29-9123	5566 -12A2	12		39-29-9127	5566 -12A2-210	12		39-29-9125	5566 -12A2GS	12		39-29-9129	5566 -12A2GS-210	12	
	39-29-9143	5566 -14A2	14		39-29-9147	5566 -14A2-210	14		39-29-9145	5566 -14A2GS	14		39-29-9149	5566 -14A2GS-210	14	
	39-29-9163	5566 -16A2	16		39-29-9167	5566 -16A2-210	16		39-29-9165	5566 -16A2GS	16		39-29-9169	5566 -16A2GS-210	16	
	39-29-9183	5566 -18A2	18		39-29-9187	5566 -18A2-210	18		39-29-9185	5566 -18A2GS	18		39-29-9189	5566 -18A2GS-210	18	
	39-29-9203	5566 -20A2	20		39-29-9207	5566 -20A2-210	20		39-29-9205	5566 -20A2GS	20		39-29-9209	5566 -20A2GS-210	20	
	39-29-9223	5566 -22A2	22		39-29-9227	5566 -22A2-210	22		39-29-9225	5566 -22A2GS	22		39-29-9229	5566 -22A2GS-210	22	
	39-29-9243	5566 -24A2	24		39-29-9247	5566 -24A2-210	24		39-29-9245	5566 -24A2GS	24		39-29-9249	5566 -24A2GS-210	24	
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G	PLATING:		35 M.I. TIN		PLATING:		35 M.I. TIN		PLATING:		30 M.I. GOLD		PLATING:		30 M.I. GOLD	
	DRAIN HOLES:		WITH DRAIN HOLES		DRAIN HOLES:		WITH DRAIN HOLES		DRAIN HOLES:		WITH DRAIN HOLES		DRAIN HOLES:		WITH DRAIN HOLES	
	MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS	
	HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL	
	PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001	
F	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS	
		5566 -02B2	2			5566 -02B2-210	2			5566 -02B2GS	2			5566 -02B2GS-210	2	
	39-29-9042	5566 -04B2	4		39-29-9046	5566 -04B2-210	4		39-29-9044	5566 -04B2GS	4		39-28-9048	5566 -04B2GS-210	4	
	39-29-9062	5566 -06B2	6		39-29-9066	5566 -06B2-210	6		39-29-9064	5566 -06B2GS	6		39-28-9068	5566 -06B2GS-210	6	
	39-29-9082	5566 -08B2	8		39-29-9086	5566 -08B2-210	8		39-29-9084	5566 -08B2GS	8		39-28-9088	5566 -08B2GS-210	8	
E	39-29-9102	5566 -10B2	10		39-29-9106	5566 -10B2-210	10		39-29-9104	5566 -10B2GS	10		39-28-9108	5566 -10B2GS-210	10	
	39-29-9122	5566 -12B2	12		39-29-9126	5566 -12B2-210	12		39-29-9124	5566 -12B2GS	12		39-28-9128	5566 -12B2GS-210	12	
	39-29-9142	5566 -14B2	14		39-29-9146	5566 -14B2-210	14		39-29-9144	5566 -14B2GS	14		39-28-9148	5566 -14B2GS-210	14	
	39-29-9162	5566 -16B2	16		39-29-9166	5566 -16B2-210	16		39-29-9164	5566 -16B2GS	16		39-28-9168	5566 -16B2GS-210	16	
	39-29-9182	5566 -18B2	18		39-29-9186	5566 -18B2-210	18		39-29-9184	5566 -18B2GS	18		39-28-9188	5566 -18B2GS-210	18	
D	39-29-9202	5566 -20B2	20		39-29-9206	5566 -20B2-210	20		39-29-9204	5566 -20B2GS	20		39-28-9208	5566 -20B2GS-210	20	
	39-29-9222	5566 -22B2	22			5566 -22B2-210	22		39-29-9224	5566 -22B2GS	22			5566 -22B2GS-210	22	
	39-29-9242	5566 -24B2	24		39-29-9246	5566 -24B2-210	24		39-29-9244	5566 -24B2GS	24		39-28-9248	5566 -24B2GS-210	24	
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C																
B																
A																

	13	12	11	10	9	8	7	6	5	4	3	2	1				
J	PLATING:		100 M.I. BRIGHT TIN		PLATING:		100 M.I. BRIGHT TIN		PLATING:		I5 M.I. SELECT GOLD		PLATING:		I5 M.I. SELECT GOLD		
	DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES		
	MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		
	HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL		
	PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001		
I	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		
	39-30-6025	5566 -02A2S	2		39-30-6026	5566 -02A2S-2I0	2		39-30-0026	5566 -02A2GS2	2		39-30-0027	5566 -02A2GS2-2I0	2		
	39-30-6045	5566 -04A2S	4		39-30-6046	5566 -04A2S-2I0	4		39-30-0046	5566 -04A2GS2	4		39-30-0047	5566 -04A2GS2-2I0	4		
	39-30-6065	5566 -06A2S	6		39-30-6066	5566 -06A2S-2I0	6		39-30-0066	5566 -06A2GS2	6		39-30-0067	5566 -06A2GS2-2I0	6		
	39-30-6085	5566 -08A2S	8		39-30-6086	5566 -08A2S-2I0	8		39-30-0086	5566 -08A2GS2	8		39-30-0087	5566 -08A2GS2-2I0	8		
H	39-30-6I05	5566 -I0A2S	I0		39-30-6I06	5566 -I0A2S-2I0	I0		39-30-0I06	5566 -I0A2GS2	I0		39-30-0I07	5566 -I0A2GS2-2I0	I0		
	39-30-6I25	5566 -I2A2S	I2		39-30-6I26	5566 -I2A2S-2I0	I2		39-30-0I26	5566 -I2A2GS2	I2		39-30-0I27	5566 -I2A2GS2-2I0	I2		
	39-30-6I45	5566 -I4A2S	I4		39-30-6I46	5566 -I4A2S-2I0	I4		39-30-0I46	5566 -I4A2GS2	I4		39-30-0I47	5566 -I4A2GS2-2I0	I4		
	39-30-6I65	5566 -I6A2S	I6		39-30-6I66	5566 -I6A2S-2I0	I6		39-30-0I66	5566 -I6A2GS2	I6		39-30-0I67	5566 -I6A2GS2-2I0	I6		
	39-30-6I85	5566 -I8A2S	I8		39-30-6I86	5566 -I8A2S-2I0	I8		39-30-0I86	5566 -I8A2GS2	I8		39-30-0I87	5566 -I8A2GS2-2I0	I8		
	39-30-6205	5566 -20A2S	20		39-30-6206	5566 -20A2S-2I0	20		39-30-0206	5566 -20A2GS2	20		39-30-0207	5566 -20A2GS2-2I0	20		
	39-30-6225	5566 -22A2S	22		39-30-6226	5566 -22A2S-2I0	22		39-30-0226	5566 -22A2GS2	22		39-30-0227	5566 -22A2GS2-2I0	22		
	39-30-6245	5566 -24A2S	24		39-30-6246	5566 -24A2S-2I0	24		39-30-0246	5566 -24A2GS2	24		39-30-0247	5566 -24A2GS2-2I0	24		
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		-				-				-				-			
G	PLATING:		100 M.I. BRIGHT TIN		PLATING:		100 M.I. BRIGHT TIN										
	DRAIN HOLES:		WITH DRAIN HOLES		DRAIN HOLES:		WITH DRAIN HOLES										
	MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS										
	HOUSING MAT'L:		NYLON 6/6 94V-2 NATURAL		HOUSING MAT'L:		NYLON 6/6 94V-0 NATURAL										
	PACKAGING:		PK-5566-001		PACKAGING:		PK-5566-001										
F	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS										
		5566 -02B2S	2			5566 -02B2S-2I0	2										
	39-30-6047	5566 -04B2S	4		39-30-6048	5566 -04B2S-2I0	4										
	39-30-6067	5566 -06B2S	6		39-30-6068	5566 -06B2S-2I0	6										
	39-30-6087	5566 -08B2S	8		39-30-6088	5566 -08B2S-2I0	8										
E	39-30-6I07	5566 -I0B2S	I0		39-30-6I08	5566 -I0B2S-2I0	I0										
	39-30-6I27	5566 -I2B2S	I2		39-30-6I28	5566 -I2B2S-2I0	I2										
	39-30-6I47	5566 -I4B2S	I4		39-30-6I48	5566 -I4B2S-2I0	I4										
	39-30-6I67	5566 -I6B2S	I6		39-30-6I68	5566 -I6B2S-2I0	I6										
	39-30-6I87	5566 -I8B2S	I8		39-30-6I88	5566 -I8B2S-2I0	I8										
D	39-30-6207	5566 -20B2S	20		39-30-6208	5566 -20B2S-2I0	20										
	39-30-6227	5566 -22B2S	22		39-30-6228	5566 -22B2S-2I0	22										
	39-30-6247	5566 -24B2S	24		39-30-6248	5566 -24B2S-2I0	24										
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J	PLATING:		35 M.I. TIN		PLATING:		35 M.I. TIN		PLATING:		PLATING:				
	DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		WITHOUT DRAIN HOLES		DRAIN HOLES:		DRAIN HOLES:				
	MTG. OPTION:		WITH PEGS		MTG. OPTION:		WITH PEGS		MTG. OPTION:		MTG. OPTION:				
	HOUSING MAT'L:		NYLON 6/6 94V-2 (BLACK)		HOUSING MAT'L:		94V-2 NATURAL		HOUSING MAT'L:		HOUSING MAT'L:				
	PACKAGING:		PK-5566-001		PACKAGING:		TUBE		PACKAGING:		PACKAGING:				
I	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS	PART NO.	ENG NO.	CKTS	
	39-31-9028	5566 -02A2-BL	2		39-34-8028	5566 -02A2-I	2			-			-		
	39-31-9048	5566 -04A2-BL	4		39-34-8048	5566 -04A2-I	4			-			-		
	39-31-9068	5566 -06A2-BL	6		39-34-8068	5566 -06A2-I	6			-			-		
	39-31-9088	5566 -08A2-BL	8		39-34-8088	5566 -08A2-I	8			-			-		
	39-31-9108	5566 -10A2-BL	10		39-34-8108	5566 -10A2-I	10			-			-		
	39-31-9128	5566 -12A2-BL	12		39-34-8128	5566 -12A2-I	12			-			-		
	39-31-9148	5566 -14A2-BL	14		39-34-8148	5566 -14A2-I	14			-			-		
	39-31-9168	5566 -16A2-BL	16		39-34-8168	5566 -16A2-I	16			-			-		
	39-31-9188	5566 -18A2-BL	18		39-34-8188	5566 -18A2-I	18			-			-		
	39-31-9208	5566 -20A2-BL	20		39-34-8208	5566 -20A2-I	20			-			-		
	39-31-9228	5566 -22A2-BL	22		39-34-8228	5566 -22A2-I	22			-			-		
	39-31-9248	5566 -24A2-BL	24		39-34-8248	5566 -24A2-I	24			-			-		
		-				-				-			-		
		-				-				-			-		
G	PLATING:				PLATING:				PLATING:		PLATING:				
	DRAIN HOLES:				DRAIN HOLES:				DRAIN HOLES:		DRAIN HOLES:				
	MTG. OPTION:				MTG. OPTION:				MTG. OPTION:		MTG. OPTION:				
	HOUSING MAT'L:				HOUSING MAT'L:				HOUSING MAT'L:		HOUSING MAT'L:				
	PACKAGING:				PACKAGING:				PACKAGING:		PACKAGING:				
F	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS	PART NO.	ENG NO.	CKTS	
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		-				-				-			-		
C															C
B															B
A															A
SEE SHEET 1 EC NO: UCP2014-2543 DRWN:NGUYEN 2013/12/16 CHKD:JBELL 2013/12/16 APPR:FSMITH 2014/01/06 R6 QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± .020 1 PLACE ± 0.50 ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE CHECKED BY DATE GT DATE APPROVED BY DATE FSMITH 2012/01/10 SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE MINI-FIT JR. VERTICAL HEADER ASSEMBLIES WITH MOUNTING PEGS MATERIAL NO. SEE CHART DOCUMENT NO. SDA-5566-N*2*-* SHEET NO. 4 OF 4 SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

tb_frame_C_P_AM_T Rev. F 2009/06/18	12	11	10	9	8	7	6	5	4	3	2	1
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