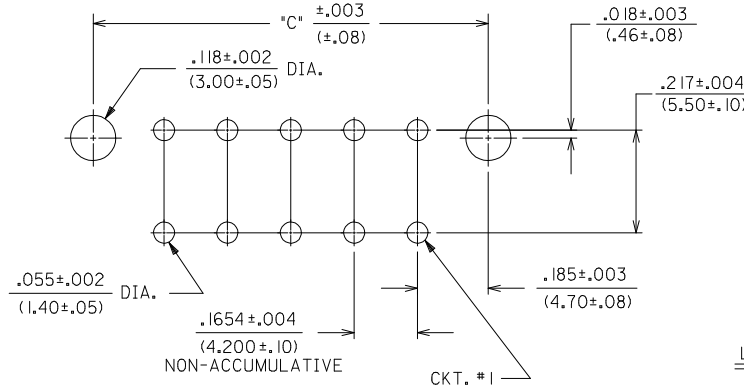
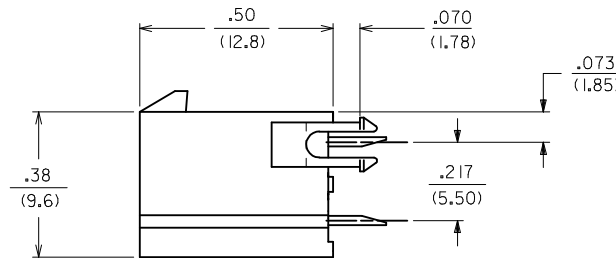
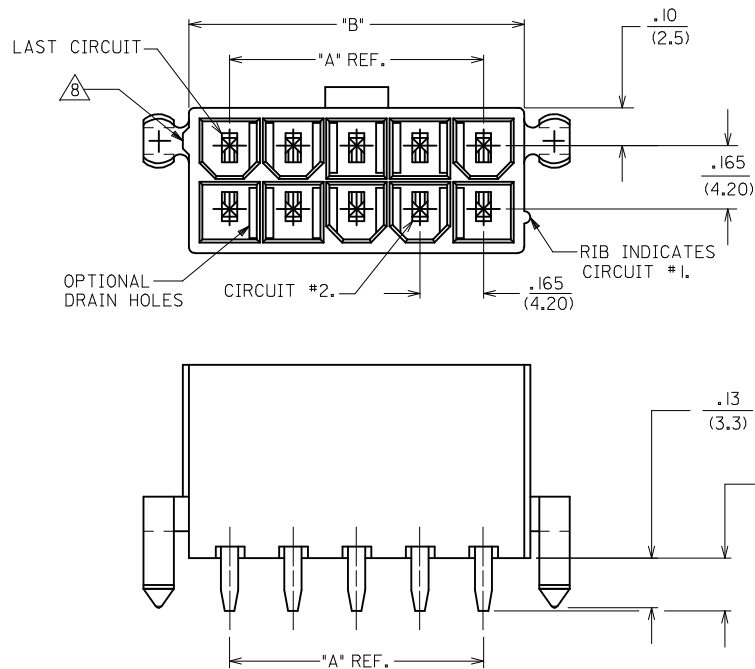
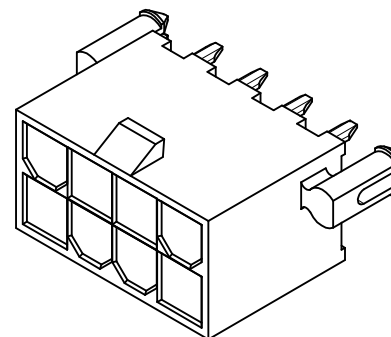




RECOMMENDED HOLE LAYOUT FOR .070(1.78) MAX. THICK P. C. BOARD

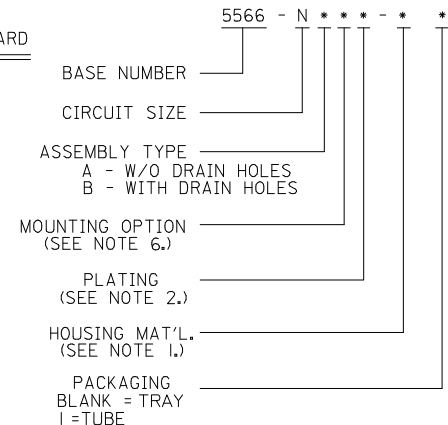
VIEWED FROM COMPONENT SIDE



8 CKT SHOWN

CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"
2	—	.21 (5.4)	.370 (9.40)
4	.17 (4.2)	.38 (9.6)	.535 (13.60)
6	.33 (8.4)	.54 (13.8)	.701 (17.80)
8	.50 (12.6)	.71 (18.0)	.866 (22.00)
10	.66 (16.8)	.87 (22.2)	1.031 (26.20)
12	.83 (21.0)	1.04 (26.4)	1.197 (30.40)
14	.99 (25.2)	1.20 (30.6)	1.362 (34.60)
16	1.16 (29.4)	1.37 (34.8)	1.528 (38.80)
18	1.32 (33.6)	1.54 (39.0)	1.693 (43.00)
20	1.49 (37.8)	1.70 (43.2)	1.858 (47.20)
22	1.65 (42.0)	1.87 (47.4)	2.024 (51.40)
24	1.82 (46.2)	2.03 (51.6)	2.189 (55.60)

LEGEND:



NOTES:

- 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
- 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.
- PRODUCT SPECIFICATION: PS-5556-001
- PACKAGING: SEE CHARTS
- PART MATES WITH MINI-FIT JR. RECEPTACLE #5557.
- MOUNTING OPTIONS:
"BLANK" - NO MOUNTING (SEE SD-5566-002 DWG.)
2 - PEG MOUNT
- PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.
- CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

OBS P/N'S EC NO: UCP2014-2543 DRW: NGUYEN CHKD: J.BELL APPR: FSMITH	REVISION 2013/12/16 2013/12/16 2014/01/06	DESCRIPTION	QUALITY SYMBOLS F =0 F =0 F =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY RJF	DATE 8/19/87	TITLE MINI-FIT JR. VERTICAL HEADER ASSEMBLIES WITH MOUNTING PEGS			
				4 PLACES	± ---	± ---	CHECKED BY	DATE				
				3 PLACES	± ---	± .015	GT	8/19/87				
				2 PLACES	± 0.38	± .020	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
				1 PLACE	± 0.50	± ---	FSMITH	2012/01/10				
				ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHTS 2-4		SDA-5566-N*2*--		1 OF 4					
R6	REV	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		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		39-29-9029	5566 -02A2GS-210	2		39-29-9029	5566 -02A2GS-210	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		39-29-9049	5566 -04A2GS-210	4		39-29-9049	5566 -04A2GS-210	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		39-29-9069	5566 -06A2GS-210	6		39-29-9069	5566 -06A2GS-210	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		39-29-9089	5566 -08A2GS-210	8		39-29-9089	5566 -08A2GS-210	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		39-29-9109	5566 -10A2GS-210	10		39-29-9109	5566 -10A2GS-210	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		39-29-9129	5566 -12A2GS-210	12		39-29-9129	5566 -12A2GS-210	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		39-29-9149	5566 -14A2GS-210	14		39-29-9149	5566 -14A2GS-210	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		39-29-9169	5566 -16A2GS-210	16		39-29-9169	5566 -16A2GS-210	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		39-29-9189	5566 -18A2GS-210	18		39-29-9189	5566 -18A2GS-210	18		39-29-9189	5566 -18A2GS-210	18																						
G	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		39-29-9209	5566 -20A2GS-210	20		39-29-9209	5566 -20A2GS-210	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		39-29-9229	5566 -22A2GS-210	22		39-29-9229	5566 -22A2GS-210	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		39-29-9249	5566 -24A2GS-210	24		39-29-9249	5566 -24A2GS-210	24		39-29-9249	5566 -24A2GS-210	24																						
		-				-				-				-				-				-				-																							
		-				-				-				-				-				-				-																							
F	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																												
E	PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS		PART NO.	ENG NO.	CKTS																						
	39-29-9042	5566 -02B2	2		39-29-9046	5566 -02B2-210	2		39-29-9044	5566 -02B2GS	2		39-28-9048	5566 -02B2GS-210	2		39-28-9048	5566 -02B2GS-210	2		39-28-9048	5566 -02B2GS-210	2		39-28-9048	5566 -02B2GS-210	2																						
	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		39-28-9068	5566 -06B2GS-210	6		39-28-9068	5566 -06B2GS-210	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		39-28-9088	5566 -08B2GS-210	8		39-28-9088	5566 -08B2GS-210	8		39-28-9088	5566 -08B2GS-210	8																						
	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		39-28-9108	5566 -10B2GS-210	10		39-28-9108	5566 -10B2GS-210	10		39-28-9108	5566 -10B2GS-210	10																						
D	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		39-28-9128	5566 -12B2GS-210	12		39-28-9128	5566 -12B2GS-210	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		39-28-9148	5566 -14B2GS-210	14		39-28-9148	5566 -14B2GS-210	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		39-28-9168	5566 -16B2GS-210	16		39-28-9168	5566 -16B2GS-210	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		39-28-9188	5566 -18B2GS-210	18		39-28-9188	5566 -18B2GS-210	18		39-28-9188	5566 -18B2GS-210	18																						
	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		39-28-9208	5566 -20B2GS-210	20		39-28-9208	5566 -20B2GS-210	20		39-28-9208	5566 -20B2GS-210	20																						
C	39-29-9222	5566 -22B2	22		39-29-9226	5566 -22B2-210	22		39-29-9224	5566 -22B2GS	22		39-28-9228	5566 -22B2GS-210	22		39-28-9228	5566 -22B2GS-210	22		39-28-9228	5566 -22B2GS-210	22		39-28-9228	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		39-28-9248	5566 -24B2GS-210	24		39-28-9248	5566 -24B2GS-210	24		39-28-9248	5566 -24B2GS-210	24																						
		-				-				-				-				-				-				-																							
		-				-				-				-				-				-				-																							
		-				-				-				-				-				-				-																							
B																													SEE SHEET 1 EC NO: UCP2014-2543 DRAWN:NGUYEN 2013/12/16 CHKD:JBELL 2013/12/16 APPR:FSMITH 2014/01/06	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		MINI-FIT JR. VERTICAL HEADER ASSEMBLIES WITH MOUNTING PEGS MOLEX INCORPORATED		SDA-5566-N*2*-*		SHEET NO. 2 OF 4		
																																	mm		INCH		DRAWN BY RJF		DATE 8/19/87										
																																	4 PLACES ± ---		± ---		CHECKED BY		DATE 8/19/87										
																																	3 PLACES ± ---		± .015		GT												
																																	2 PLACES ± 0.38		± .020		APPROVED BY FSMITH		DATE 2012/01/10										
A																													REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.		DOCUMENT NO.				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
																																SIZE																	
	1b_frame_C_P_AM_T Rev. F 2009/06/18		12		11		10		9		8		7		6		5		4		3		2		1																								

	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:		15 M.I. SELECT GOLD		PLATING:		15 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-210	2		39-30-0026	5566 -02A2GS2	2		39-30-0027	5566 -02A2GS2-210	2	
	39-30-6045	5566 -04A2S	4		39-30-6046	5566 -04A2S-210	4		39-30-0046	5566 -04A2GS2	4		39-30-0047	5566 -04A2GS2-210	4	
	39-30-6065	5566 -06A2S	6		39-30-6066	5566 -06A2S-210	6		39-30-0066	5566 -06A2GS2	6		39-30-0067	5566 -06A2GS2-210	6	
	39-30-6085	5566 -08A2S	8		39-30-6086	5566 -08A2S-210	8		39-30-0086	5566 -08A2GS2	8		39-30-0087	5566 -08A2GS2-210	8	
	39-30-6105	5566 -10A2S	10		39-30-6106	5566 -10A2S-210	10		39-30-0106	5566 -10A2GS2	10		39-30-0107	5566 -10A2GS2-210	10	
	39-30-6125	5566 -12A2S	12		39-30-6126	5566 -12A2S-210	12		39-30-0126	5566 -12A2GS2	12		39-30-0127	5566 -12A2GS2-210	12	
	39-30-6145	5566 -14A2S	14		39-30-6146	5566 -14A2S-210	14		39-30-0146	5566 -14A2GS2	14		39-30-0147	5566 -14A2GS2-210	14	
	39-30-6165	5566 -16A2S	16		39-30-6166	5566 -16A2S-210	16		39-30-0166	5566 -16A2GS2	16		39-30-0167	5566 -16A2GS2-210	16	
	39-30-6185	5566 -18A2S	18		39-30-6186	5566 -18A2S-210	18		39-30-0186	5566 -18A2GS2	18		39-30-0187	5566 -18A2GS2-210	18	
	39-30-6205	5566 -20A2S	20		39-30-6206	5566 -20A2S-210	20		39-30-0206	5566 -20A2GS2	20		39-30-0207	5566 -20A2GS2-210	20	
	39-30-6225	5566 -22A2S	22		39-30-6226	5566 -22A2S-210	22		39-30-0226	5566 -22A2GS2	22		39-30-0227	5566 -22A2GS2-210	22	
	39-30-6245	5566 -24A2S	24		39-30-6246	5566 -24A2S-210	24		39-30-0246	5566 -24A2GS2	24		39-30-0247	5566 -24A2GS2-210	24	
		-				-				-				-		
		-				-				-				-		
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-210	2									
	39-30-6047	5566 -04B2S	4		39-30-6048	5566 -04B2S-210	4									
	39-30-6067	5566 -06B2S	6		39-30-6068	5566 -06B2S-210	6									
	39-30-6087	5566 -08B2S	8		39-30-6088	5566 -08B2S-210	8									
	39-30-6107	5566 -10B2S	10		39-30-6108	5566 -10B2S-210	10									
	39-30-6127	5566 -12B2S	12		39-30-6128	5566 -12B2S-210	12									
	39-30-6147	5566 -14B2S	14		39-30-6148	5566 -14B2S-210	14									
	39-30-6167	5566 -16B2S	16		39-30-6168	5566 -16B2S-210	16									
	39-30-6187	5566 -18B2S	18		39-30-6188	5566 -18B2S-210	18									
	39-30-6207	5566 -20B2S	20		39-30-6208	5566 -20B2S-210	20									
	39-30-6227	5566 -22B2S	22		39-30-6228	5566 -22B2S-210	22									
	39-30-6247	5566 -24B2S	24		39-30-6248	5566 -24B2S-210	24									
D		-				-										
		-				-										
C																
B																
A																
SEE SHEET 1 EC NO: UCP2014-2543 DRWN:NGUYEN 2013/12/16 CHKD:JBELL 2013/12/16 APPR:FSMITH 2014/01/06 REV R6 QUALITY SYMBOLS ▽⇒0 ▽⇒0 ▽⇒0 GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± mm INCH 3 PLACES ± --- ±.015 2 PLACES ±0.38 ±.020 1 PLACE ±0.50 ± --- ANGULAR ±1/2° DIMENSION STYLE IN/MM DRAWN BY DATE RJF 8/19/87 CHECKED BY DATE GT 8/19/87 APPROVED BY DATE FSMITH 2012/01/10 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION MINI-FIT JR. VERTICAL HEADER ASSEMBLIES WITH MOUNTING PEGS MOLEX SDA-5566-N*2*-* SHEET NO. 3 OF 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	12	11	10	9	8	7	6	5	4	3	2	1				

[illegible]