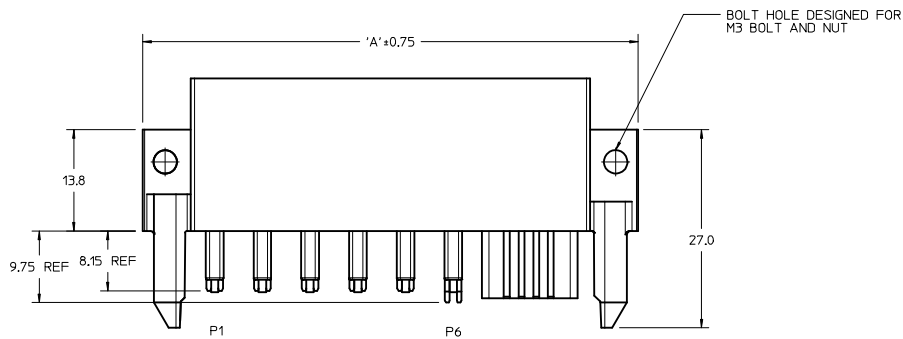
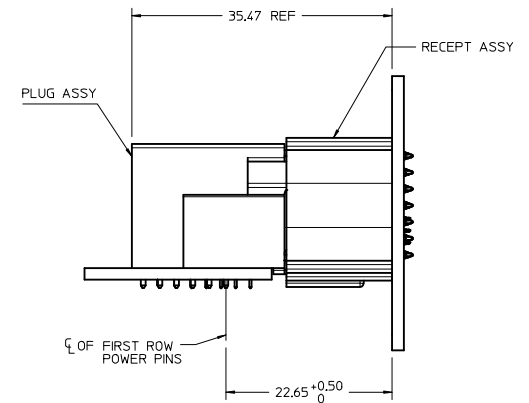
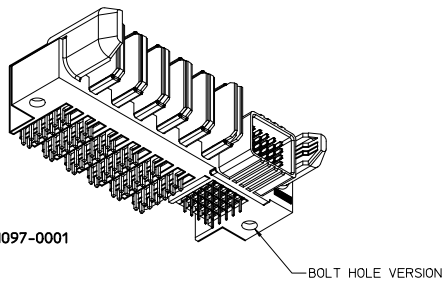
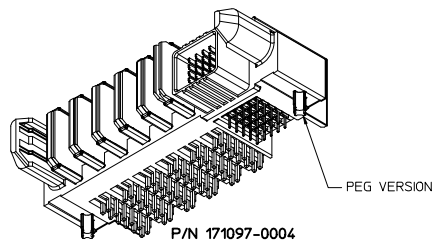


PEG DETAILS
(P/N 171097-0010 SHOWN)



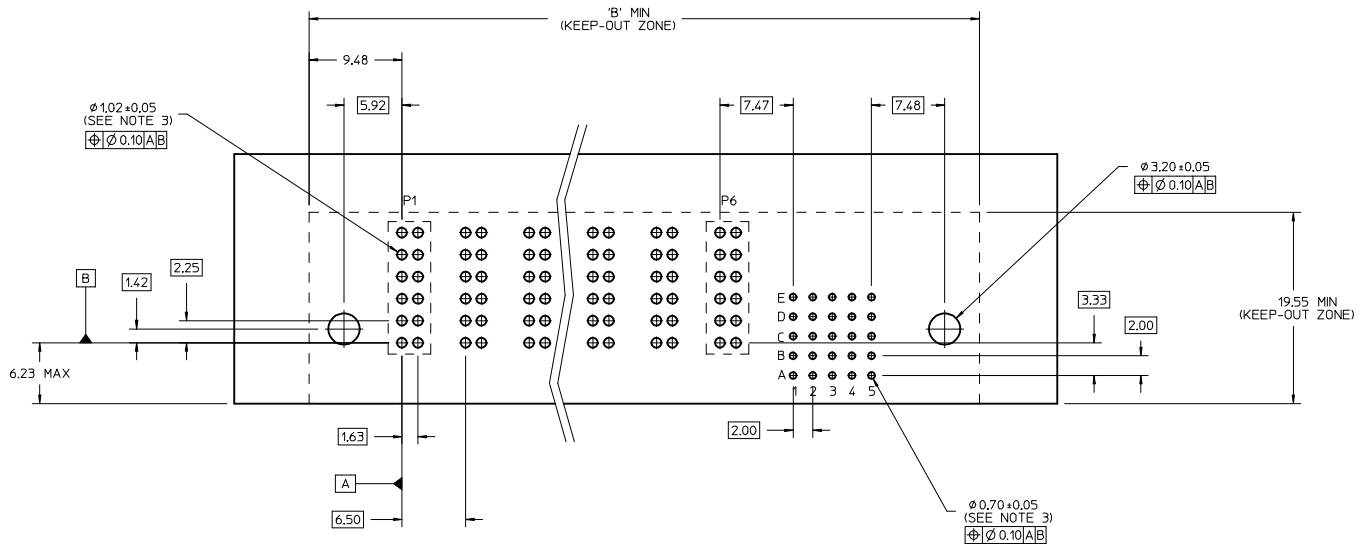
P/N 171097-0001



P/N 171097-0004

ADD PK SPEC IEC NO: UCP2017-0856 DRAWN BY: CHYKOWCHAN CHECKED BY: APPR:KHLIM DATE: 2016/10/18 DATE: 2016/11/07 DATE: 2016/11/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- INCH 3 PLACES ± --- mm 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACE ± ---		DRAWN BY: BPISZCZOR DATE: 2013/06/13 CHECKED BY: BPISZCZOR DATE: 2013/06/13 APPROVED BY: APATEL DATE: 2013/12/12	TITLE R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY molex		
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO: SEE CHART	DOCUMENT NO: SD-171097-0001	SHEET NO: 1 OF 2	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
PART NUMBER	# OF POWERS	DIM 'A'	DIM 'B'	GUIDE OPTION	TAIL TYPE	DIM 'C'	DIM 'D'	# OF SIGNALS											PK SPEC	# OF POWERS	
171097-0001	6	67.50	68.50	BOLT HOLE	SOLDERTAIL	2.71	2.74	25											PK-171097-0100	6	
171097-0002	4	54.50	55.50																PK-171097-0002	4	
171097-0003	2	41.50	42.50																PK-171097-0001	2	
171097-0004	6	67.50	68.50	PEGS					COMPLIANT PIN	2.71	2.40										
171097-0005	4	54.50	55.50																		
171097-0006	2	41.50	42.50																		
171097-0007	6	67.50	68.50	BOLT HOLE																	
171097-0008	4	54.50	55.50																		
171097-0009	2	41.50	42.50																		
171097-0010	6	67.50	68.50	PEGS																	
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171097-0012	2	41.50	42.50																		

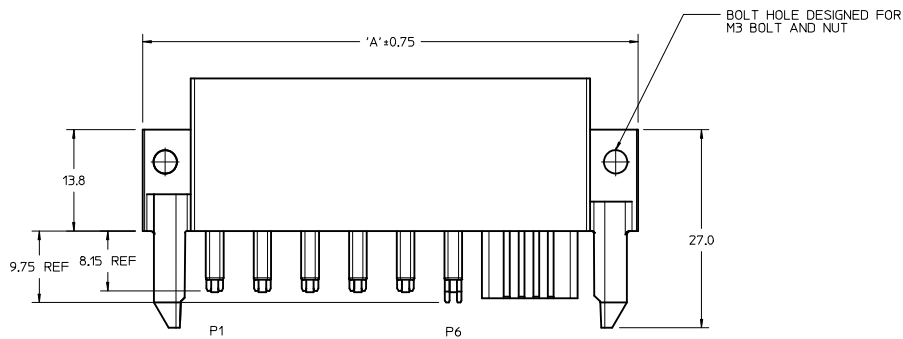
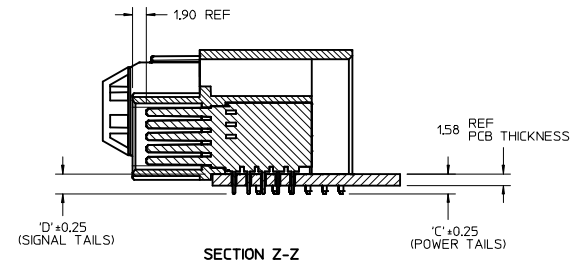
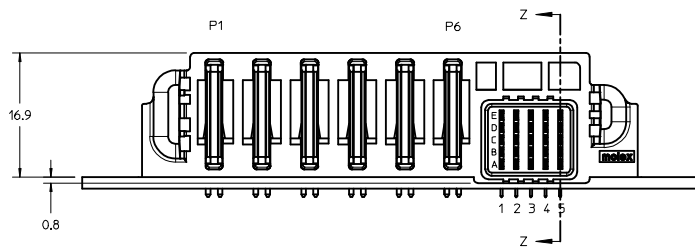
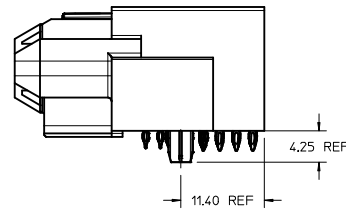


- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 127 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC; SEE TABLE
 - PLATED THRU HOLE SIZE. REFER TO PS-171097-1000 FOR DETAILS
 - PRODUCT SPEC: PS-171097-1000
 - PRODUCT TO MEET RoHS REQUIREMENTS
 - FOR MATING PARTS SEE MOLEX RECEPTACLE SD-171098-0001
 - TAIL DESIGN: SEE CHART
 - SIGNAL & POWER CONTACTS ARE LUBRICATED
 - APPLICATION SPEC: AS-171097-0001

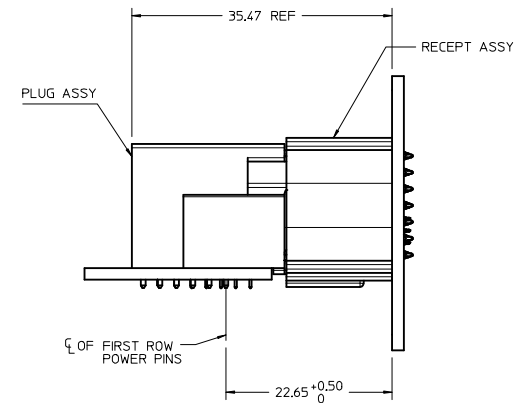
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

(PCB LAYOUT FOR 6P CONNECTOR SHOWN AS REFERENCE)

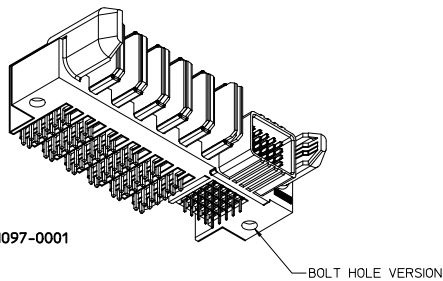
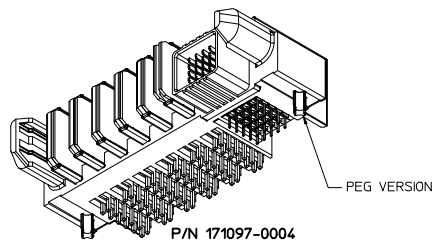
ADD PK SPEC EC NO: UCP2017-0856 DRAWN: CGH 2016/10/18 CHKD: JCHN 2016/11/07 APPR: KHLIM 2016/11/15 REV B1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
4 PLACES ±		mm	INCH	DRAWN BY BP1SZCZOR	DATE 2013/06/13	R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY molex			
3 PLACES ±				CHECKED BY BP1SZCZOR	DATE 2013/06/13				
2 PLACES ±0.13				APPROVED BY APATEL	DATE 2013/12/12				
1 PLACE ±0.25				MATERIAL NO.					DOCUMENT NO.
0 PLACE ±				SEE CHART					SD-171097-0001
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				ANGULAR ±1/2°		SHEET NO. 2 OF 2			
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



PEG DETAILS
(P/N 171097-0010 SHOWN)



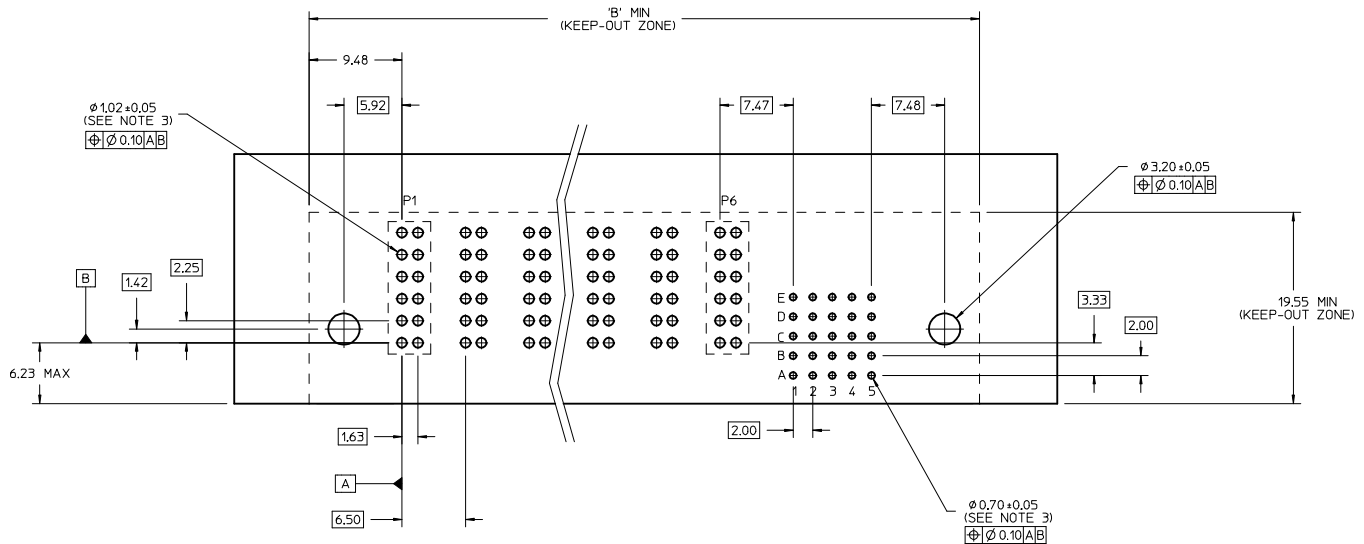
P/N 171097-0001



P/N 171097-0004

ADD PK SPEC IEC NO: UCP2017-0856 DRAWN BY: CHYKOWCHAN CHECKED BY: APPR:KHLIM DATE: 2016/10/18 DATE: 2016/11/07 DATE: 2016/11/15	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- INCH 3 PLACES ± --- mm 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACE ± ---		DRAWN BY: BPISZCZOR DATE: 2013/06/13 CHECKED BY: BPISZCZOR DATE: 2013/06/13 APPROVED BY: APATEL DATE: 2013/12/12	TITLE R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY molex		
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO: SEE CHART	DOCUMENT NO: SD-171097-0001	SHEET NO: 1 OF 2	
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171097-0003	2	41.50	42.50																PK-171097-0001	2			
171097-0004	6	67.50	68.50	PEGS					COMPLIANT PIN	2.71	2.40												
171097-0005	4	54.50	55.50																				
171097-0006	2	41.50	42.50																				
171097-0007	6	67.50	68.50	BOLT HOLE																			
171097-0008	4	54.50	55.50																				
171097-0009	2	41.50	42.50																				
171097-0010	6	67.50	68.50	PEGS																			
171097-0011	4	54.50	55.50																				
171097-0012	2	41.50	42.50																				



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE
(PCB LAYOUT FOR 6P CONNECTOR SHOWN AS REFERENCE)

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		4 PLACES ± --- ± ---		DRAWN BY BPI SZCZOR		DATE 2013/06/13											
		3 PLACES ± --- ± ---		CHECKED BY BPI SZCZOR		DATE 2013/06/13											
		2 PLACES ± 0.13 ± ---		APPROVED BY APATEL		DATE 2013/12/12											
		1 PLACE ± 0.25 ± ---		MATERIAL NO.		SEE CHART											
		0 PLACE ± --- ± ---		ANGULAR ±1/2°		SIZE D											
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													