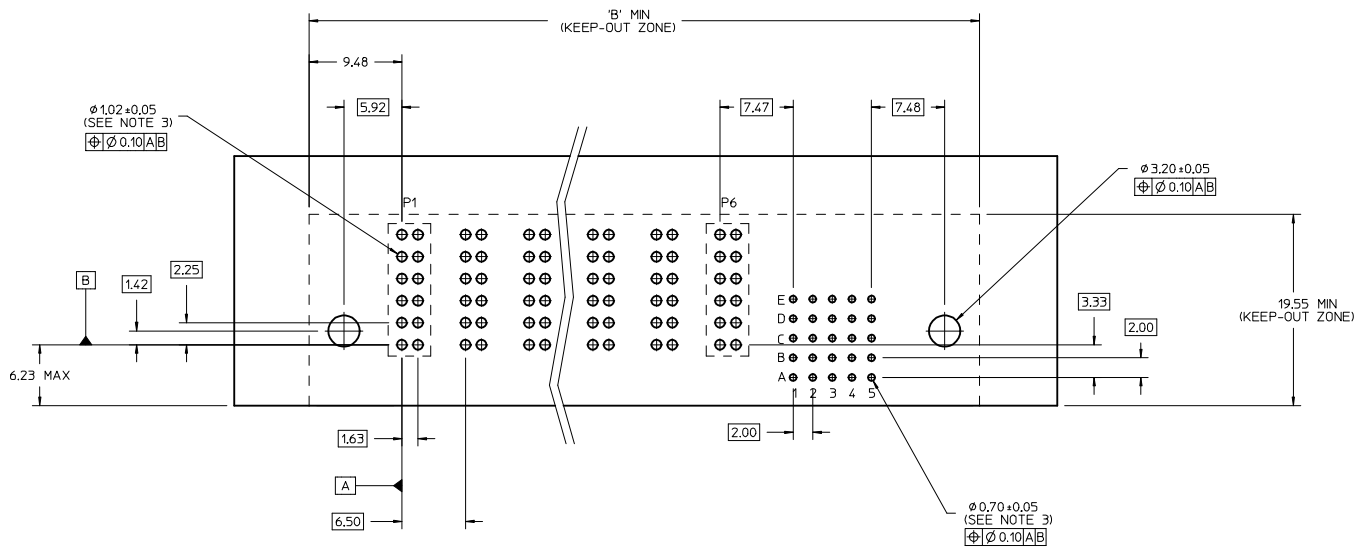


ADD PK SPEC IEC NO: UCP2017-0856 DRAWN BY: CHYKOWCHAN CHECKED BY: APPR:KHLIM DATE: 2016/10/18 DATE: 2016/11/07 DATE: 2016/11/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN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

PART NUMBER	# OF POWERS	DIM 'A'	DIM 'B'	GUIDE OPTION	TAIL TYPE	DIM 'C'	DIM 'D'	# OF SIGNALS
171097-0001	6	67.50	68.50	BOLT HOLE	SOLDERTAIL	2.71	2.74	25
171097-0002	4	54.50	55.50					
171097-0003	2	41.50	42.50					
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	COMPLIANT PIN	2.71	2.40	
171097-0008	4	54.50	55.50					
171097-0009	2	41.50	42.50					
171097-0010	6	67.50	68.50	PEGS	COMPLIANT PIN	2.71	2.40	
171097-0011	4	54.50	55.50					
171097-0012	2	41.50	42.50					

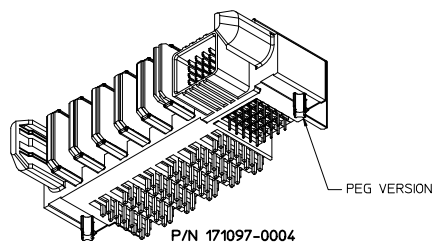
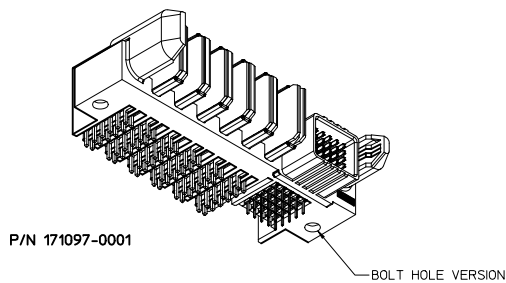
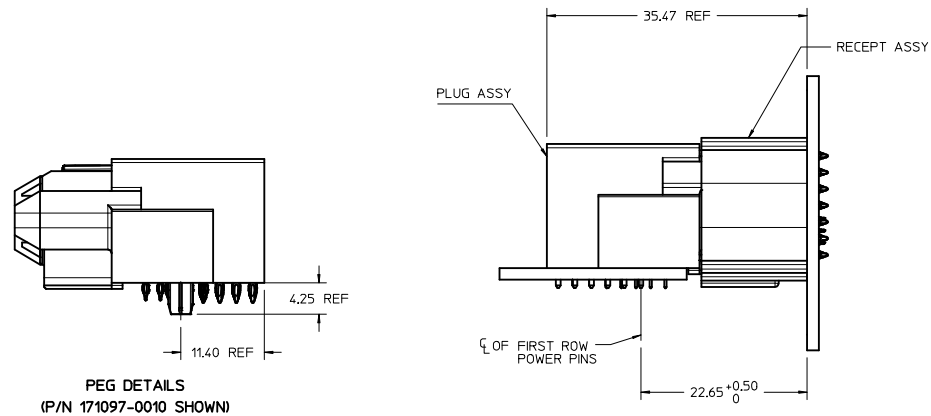
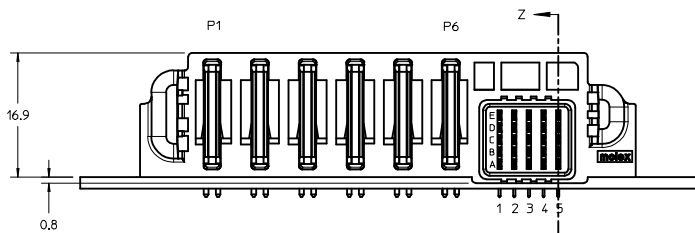
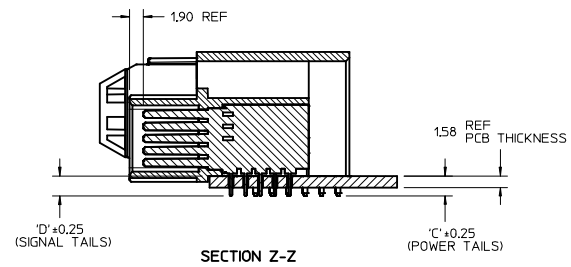
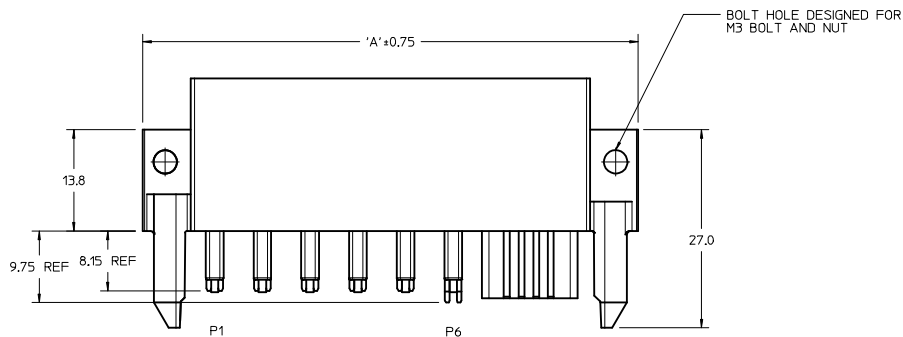
PK SPEC	# OF POWERS
PK-171097-0100	6
PK-171097-0002	4
PK-171097-0001	2



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

- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 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

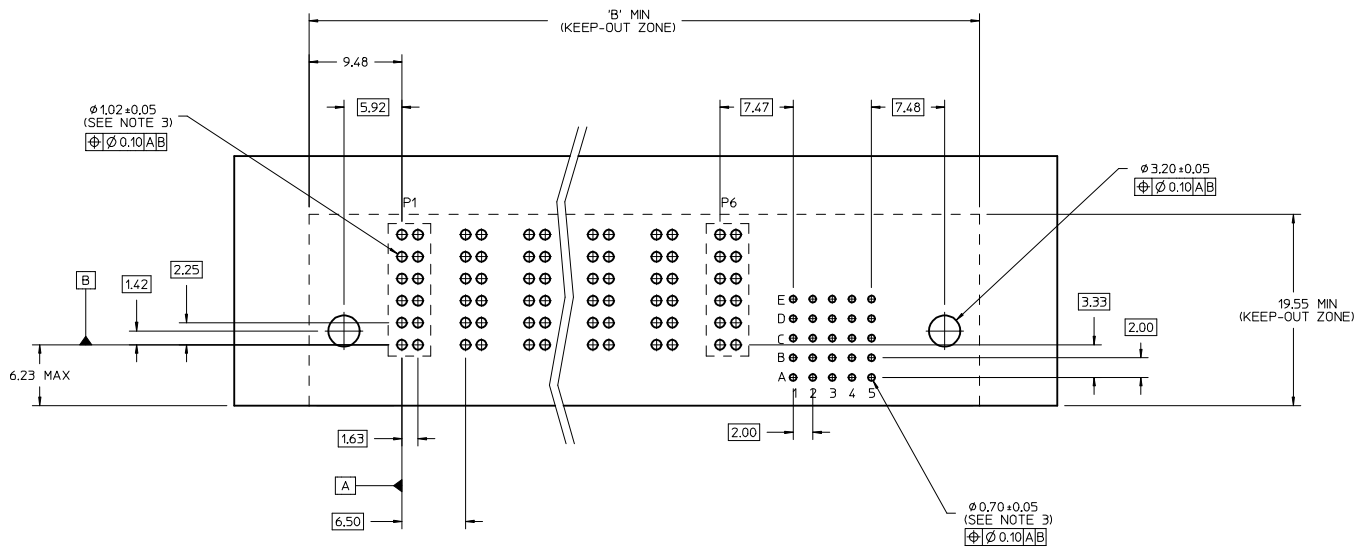
ADD PK SPEC EC NO. UJCP2017-0856 DRAWN:CGH 2016/10/18 CHKD:WCHAN 2016/11/07 APPR:KHLIM 2016/11/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±--- ±---	3 PLACES ±--- ±---	2 PLACES ±0.13 ±---	1 PLACE ±0.25 ±---	0 PLACE ±--- ±---	DRAWN BY DATE BPI SZCZOR 2013/06/13	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		APPROVED BY DATE APATEL 2013/12/12		TITLE R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY		SHEET NO. 2 OF 2
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171097-0001		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



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	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE			
	▽=0	3 PLACES ± 0.13 ± ---	BPI SZCZOR 2013/06/13	R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY			
	ANGULAR ± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE	DOCUMENT NO.			
			APATEL 2013/12/12	SD-171097-0001			
			MATERIAL NO.	SHEET NO.			
			SEE CHART	1 OF 2			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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PK SPEC	# OF POWERS
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PK-171097-0002	4
PK-171097-0001	2



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  - APPLICATION SPEC: AS-171097-0001

ADD PK SPEC EC NO. UJCP2017-0856 DRAWN:CGH 2016/10/18 CHKD:WCHAN 2016/11/07 APPR:KHLIM 2016/11/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±--- ±---	3 PLACES ±--- ±---	2 PLACES ±0.13 ±---	1 PLACE ±0.25 ±---	0 PLACE ±--- ±---	ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DATE 2013/06/13		TITLE R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY		SHEET NO. 2 OF 2
REV B1		APPROVED BY APATEL 2013/12/12		DATE 2013/06/13		DOCUMENT NO. SD-171097-0001		