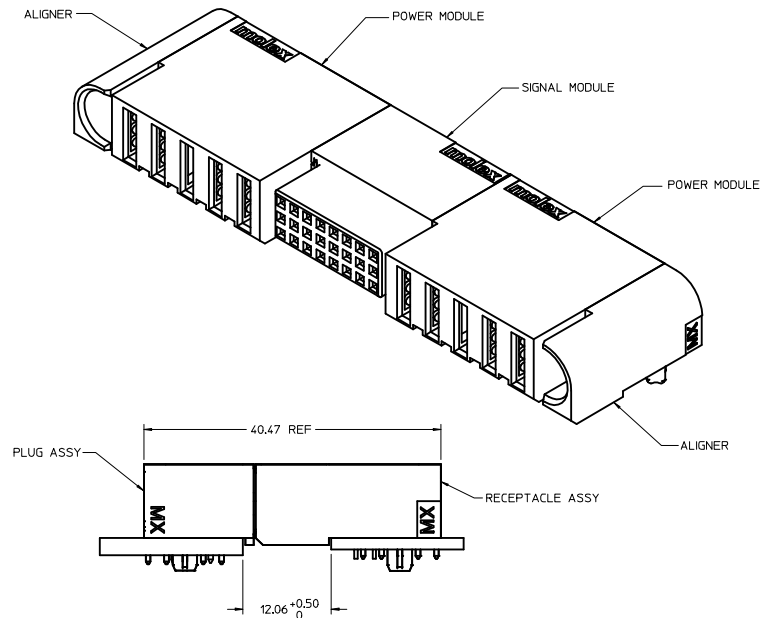
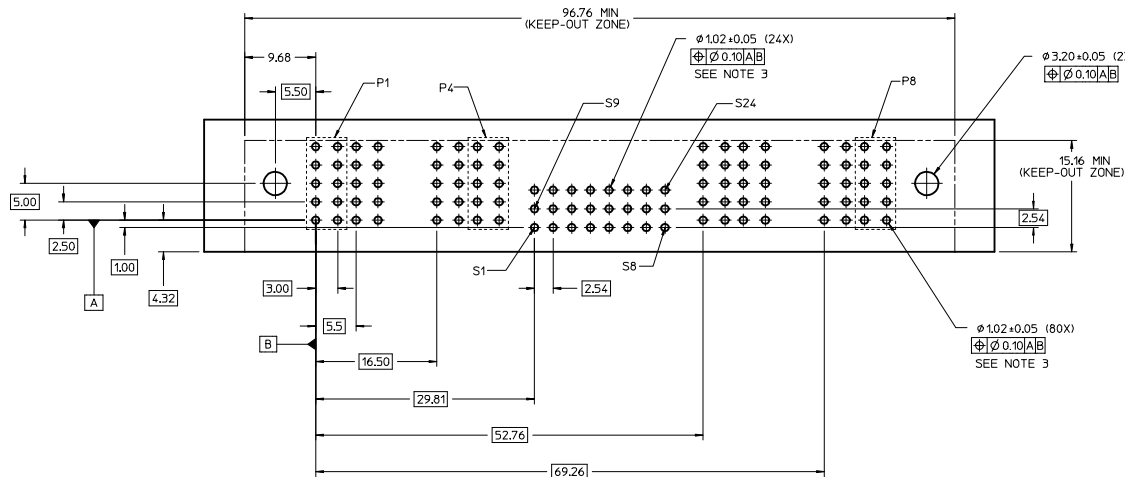
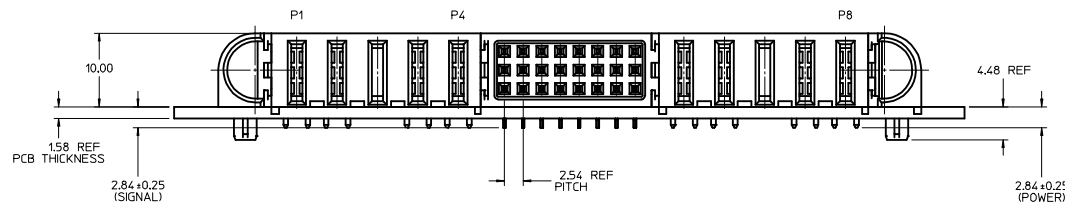
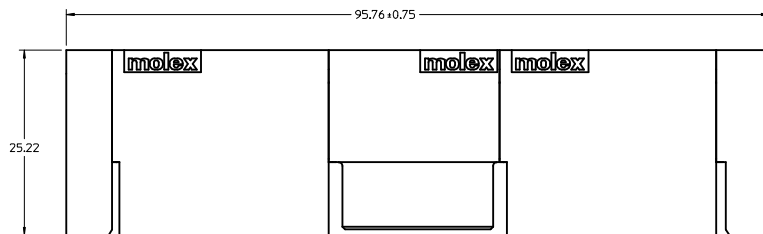




MATING PROFILE
(SHOWN MATED TO PLUG ASSY 46437-1069)

NOTES:

1. MATERIAL:

- HOUSINGS: LCP UL94 V-0, COLOR: BLACK
- TERMINALS: COPPER ALLOY
- PLATING: 127 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 254 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA

2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: TBD

3. PLATED THRU HOLE SIZE, REFER TO PS-46436-100 FOR DETAILS

4. PRODUCT SPEC: PS-46436-100

5. APPLICATION SPEC: AS-46436-100

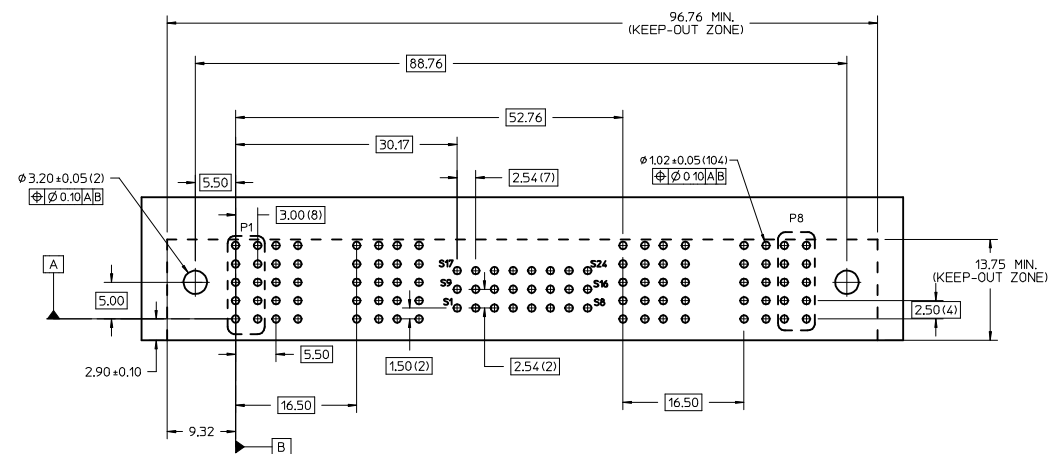
6. PRODUCT TO MEET RoHS REQUIREMENTS

7. ASSEMBLY MATES WITH PLUG ASSEMBLY P/N 46437-1069

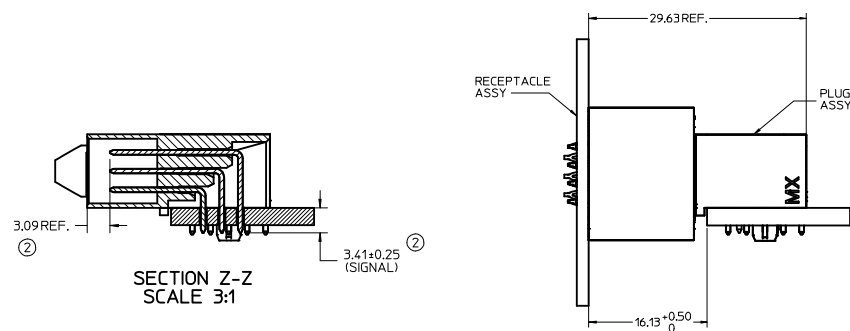
8. TAIL DESIGN: SOLDER TAIL

9. POWER CONTACTS ARE LUBRICATED

INITIAL RELEASE IEC NO: LCP2012-4338 DRAWN: JUILLES CHYKOBPISZCZOR APPROVED: APATEL 2012/07/05 2012/07/05 2012/10/18	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE MM ONLY DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DATE 2012/07/05 DATE 2012/07/05 DATE 2012/10/18	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE RECEPTACLE ASSY G-4DC(V)-24S-4DC(V)-G TEN60 MATED SET moLEX	MATERIAL NO. 46436-1069 DOCUMENT NO. SD-46436-1069	SHEET NO. 1 OF 1



Top view of the PCB showing dimensions and component locations. The PCB has a total width of 10.00 and a total length of 4.46 REF. The central component area is 11.00 REF wide. The PCB thickness is 2.36 REF. The component locations are marked with P1, S17, S24, S16, P8, S1, and S8. The dimensions are given in REF. units.

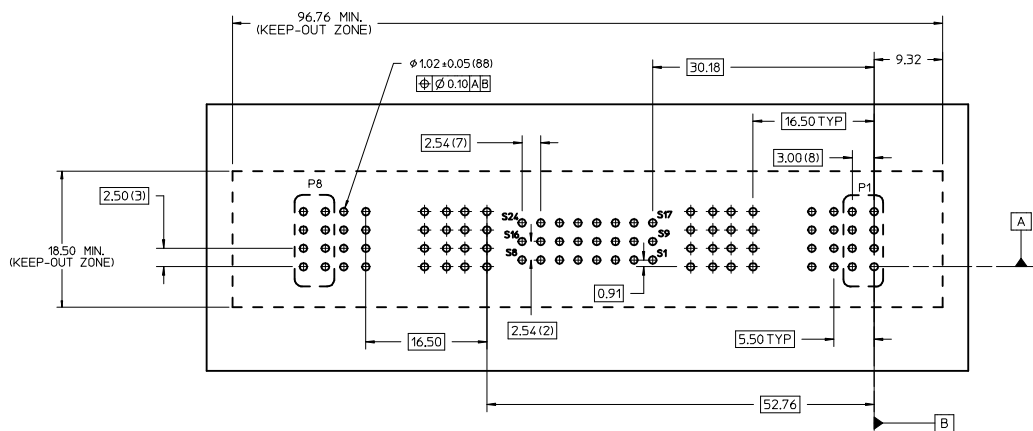
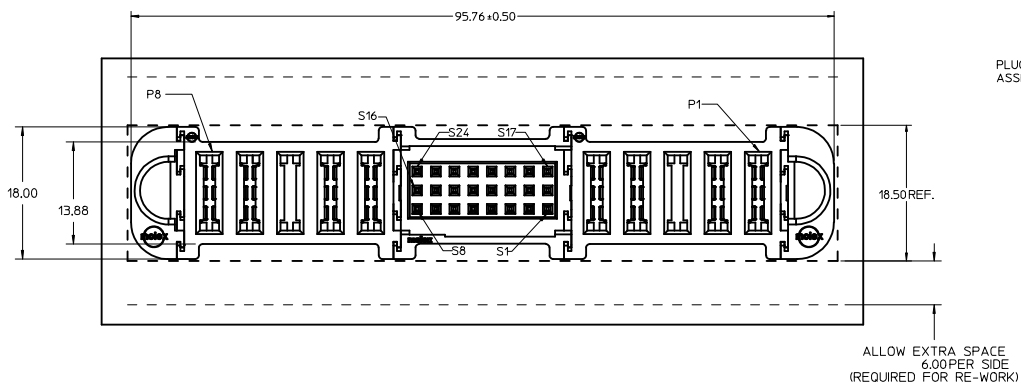
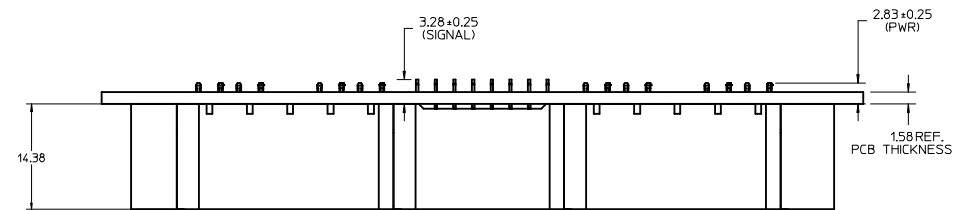


SECTION Z-Z
SCALE 3:1

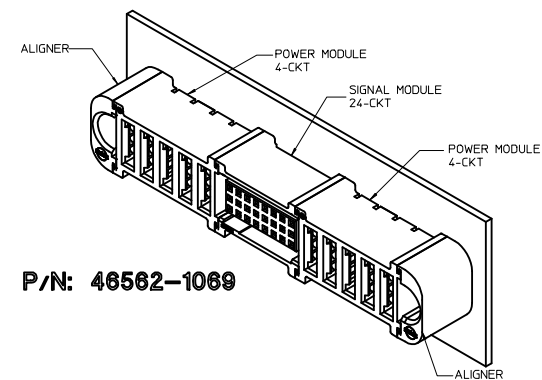
NOTES:

1. MATERIAL:
 - HOUSINGS: LCP UL94 V-0, COLOR BLACK.
 - TERMINALS: COPPER ALLOY
 - PLATING: 01277/000050 NICKEL OVERALL WITH 0.00254/0.00100 SELECTIVE TIN ON SOLDER TAILS AND 0.000762/0.00030 SELECTIVE GOLD ON CONTACT AREAS
2. PACKAGING: ASSEMBLES TO BE TRAY PACKED PER PACKAGING SPEC PK-46437-XXX.
3. PRODUCT SPEC: PS-46436-100.
4. APPLICATION SPEC: AS-46436-100.
5. PRODUCT TO MEET: ROHS REQUIREMENTS.
6. ASSEMBLY MATES TO MOLEX VERTICAL RECEPTACLE ASSEMBLY P/N: 46562-1069.

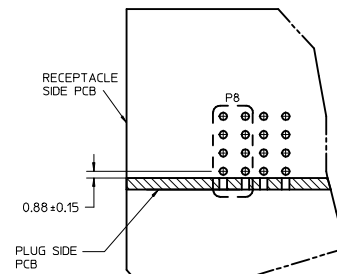
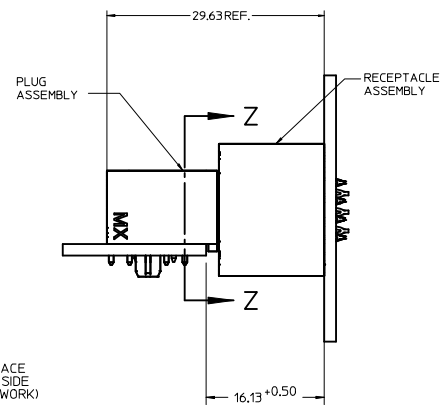
LONGER TAILS IEC NO: UCP2005-2085 DEV:KOSTIC 2009/03/04 CHKD: 2009/03/04 APPR:APTEL 2009/03/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DESCRIPTION		mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES $\pm .010$	+	---	KOSTIC	2008/08/07	RA PLUG ASSY		
		3 PLACES $\pm .010$	+	---	CHECKED BY	DATE	TEN50 POWER FAMILY		
		2 PLACES $\pm .025 \pm .010$	+	---	KOSTIC	2008/05/16	4P-24S-4P		
		1 PLACE $\pm .025 \pm .010$	+	---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED		
		ANGULAR $\pm 1/2^\circ$		PATEL					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 46437-1069		DOCUMENT NO. SD-46437-169		SHEET NO. 1 OF 1	
	2	REV	SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE



P/N: 46562-1069



PARTIAL SECTION Z-Z
SCALE 3:1

NOTES:

1. MATERIAL:
-HOUSINGS: LCP UL94 V-0, COLOR: BLACK.
-TERMINALS: COPPER ALLOY.
-PLATING: 0.000127/0.00050 NICKEL OVERALL WITH 0.00254/0.00100 SELECTIVE TIN ON COMPLIANT PINS.
AND 0.000762/0.00030 SELECTIVE GOLD ON CONTACT AREA.
2. PACKAGING ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC PK-46562-XXX.
3. PRODUCT SPEC: PS-46436-100.
4. APPLICATION SPEC: AS-46436-100.
5. PRODUCT TO MEET ROHS REQUIREMENTS.
6. ASSEMBLY MATES WITH PLUG ASSEMBLY, P/N 46437-1069.

PRELIMINARY IEC NO: UCP2009-2085 DRAWN BY: BKOSTIC CHYK: 2009/03/04 APPR: APATEL DATE: 2009/03/10	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE VERT. RECEPT ASSY 4P-24S-4P TEN60 POWER FAMILY MOLEX INCORPORATED			
			mm		INCH		DRAWN BY	DATE					
			4 PLACES ± ---	± ---	BKOSTIC	2008/08/07							
			3 PLACES ± ---	± .010	CHECKED BY	DATE							
			2 PLACES ± 0.25	± .010	BKOSTIC	2008/05/16							
			1 PLACE ± 0.25	± ---	APPROVED BY	DATE							
			ANGULAR ±1/2°		APATEL		MATERIAL NO. 46562-1069		DOCUMENT NO. SD-46562-169		SHEET NO. 1 OF 1		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						