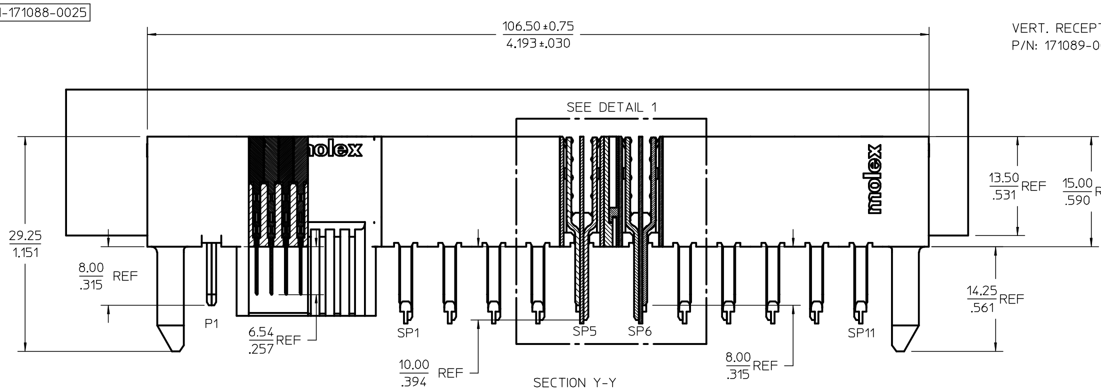
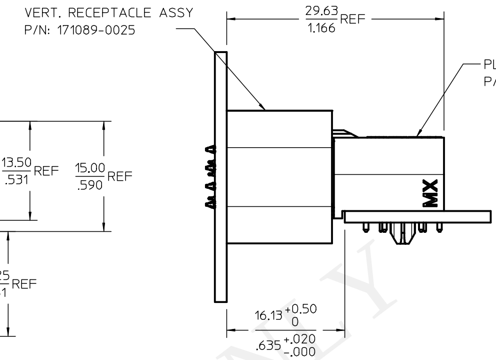
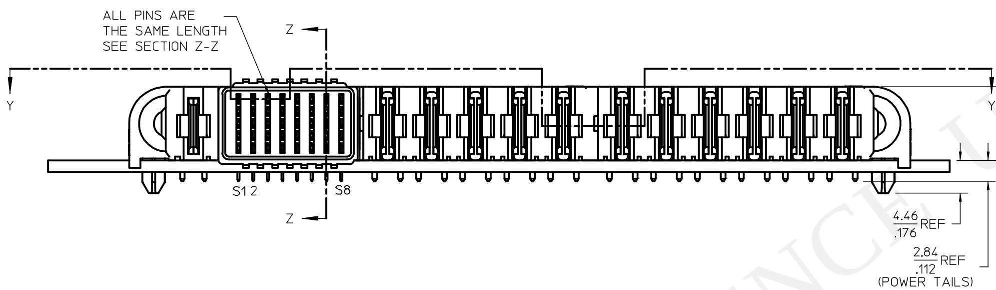
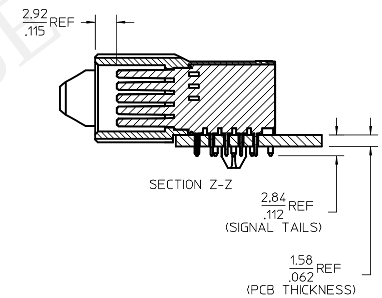
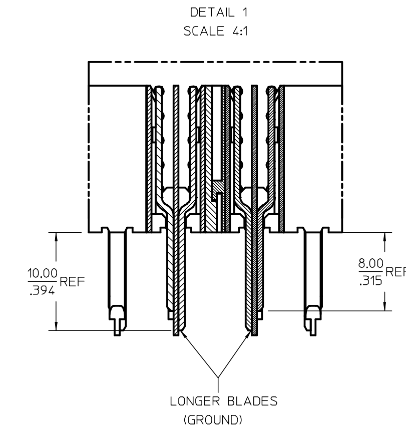
3D MODEL NO.: TM-171088-0025

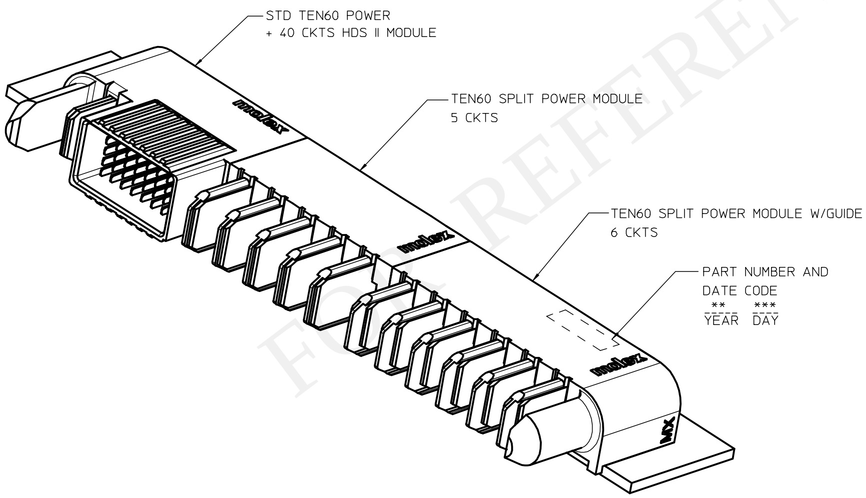












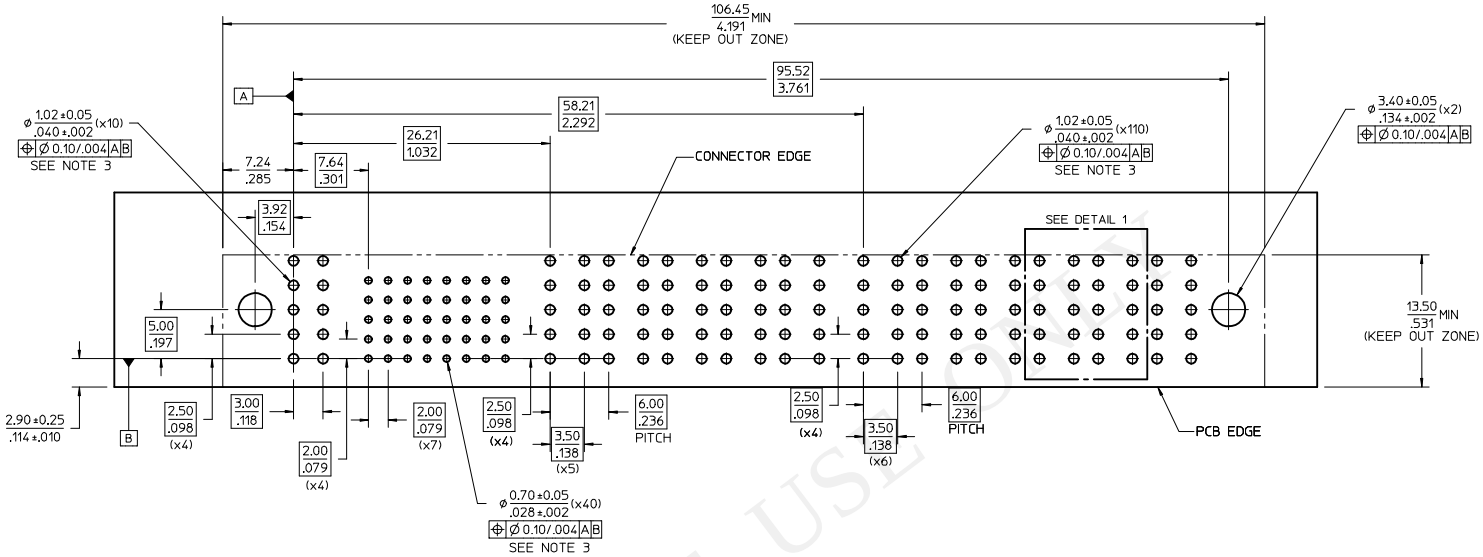
NOTES:
1. MATERIAL:
   - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
   -TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
   -PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL
   WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS
   AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC.: TBD
3. PLATED THRU HOLE SIZE REFERS TO PS-171088-0000 FOR DETAILS
4. PRODUCT SPEC: PS-171088-0000
5. APPLICATION SPEC: AS-46436-100
5. PRODUCT TO MEET RoHS REQUIREMENTS
6. ASSEMBLY MATES TO MOLEX RECEPTACLE ASSEMBLY P/N 171089-0025
7. TAIL DESIGN: SOLDER TAIL
8. SIGNAL CONTACTS ARE LUBRICATED.

REV	DESCRIPTION
4	ENTER DESCRIPTION EC NO: UCP2013-1517 2012/10/10 DRWN:VLIN CH'KD: APPR:VLIN 2012/10/17

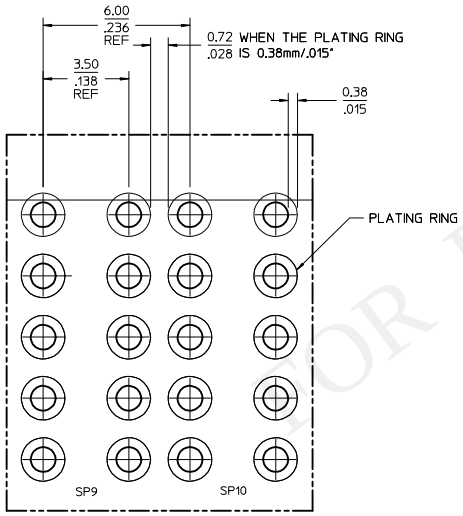
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
FA =0	4 PLACES	± ---	± ---
	3 PLACES	± ---	± ---
FC =0	2 PLACES	± 0.13	± ---
	1 PLACE	± 0.25	± ---
FP =0	0 PLACE	± ---	± ---
	ANGULAR ±1/2°		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	MM/IN
SCALE	3:1
DESIGN UNITS	METRIC
PROJECTION	THIRD ANGLE PROJECTION
DRAWN BY / DATE	VLIN 2012/09/13
CHECKED BY / DATE	
APPROVED BY / DATE	VLIN 2012/10/10
TITLE	TEN60 SPLIT POWER PLUG ASSY G-1P-40S-5SP-6SP-G
MATERIAL NO.	171088-0025
DOCUMENT NO.	SD-171088-0025
SHEET NO.	1 OF 3
SIZE	D

molex



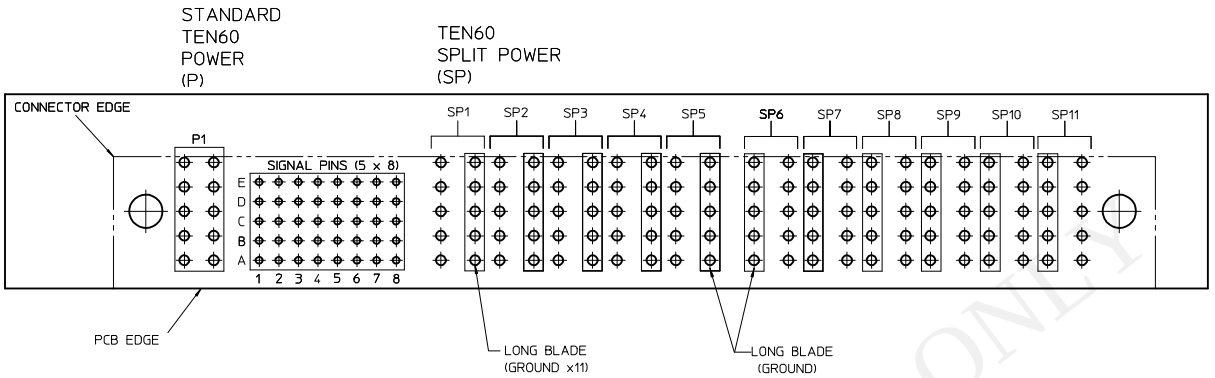
RECOMMENDED PCB LAYOUT AND KEEP OUT ZONE
(SEE SHEET 3 FOR PIN ASSIGNMENT)

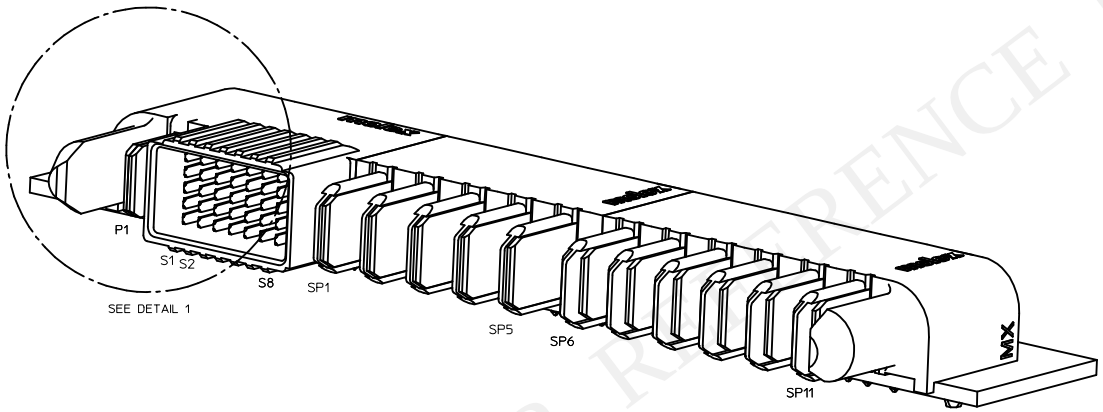


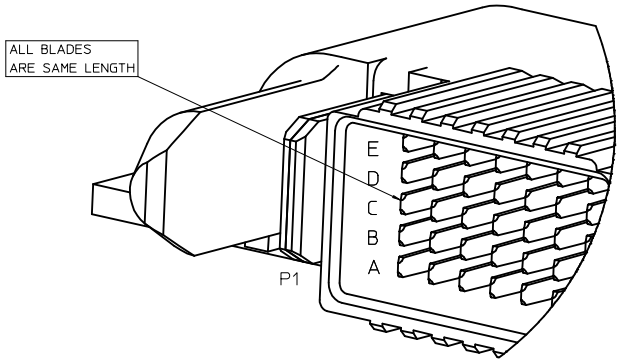
DETAIL 1
SCALE 10:1

ENTER DESCRIPTION EC NO: UCP2013-1517 2012/10/10 DRWN: VL IN 2012/10/17 CHKD: APPR: VL IN	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± 0.13 / ± --- 1 PLACE ± 0.25 / ± --- 0 PLACE ± --- / ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE: MM/IN	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY: VL IN DATE: 2012/09/13 CHECKED BY: DATE: APPROVED BY: VL IN DATE: 2012/10/10 MATERIAL NO.: 171088-0025	TITLE: TEN60 SPLIT POWER PLUG ASSY G-1P-40S-5SP-6SP-G molex DOCUMENT NO.: SD-171088-0025		SHEET NO.: 2 OF 3	
4	REV	DESCRIPTION	SIZE: D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PCB PIN ASSIGNMENT







DETAIL 1
SCALE 8:1

ENTER DESCRIPTION EC NO: UCP2013-1517 2012/10/10 DRWN:VL IN 2012/10/17 CHKD: APPR:VL IN	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
4			▽=0	4 PLACES	± ---	± ---	DRAWN BY VL IN DATE 2012/09/13	TITLE: TEN60 SPLIT POWER PLUG ASSY G-1P-40S-5SP-6SP-G		
			▽=0	3 PLACES	± ---	± ---	CHECKED BY DATE			
			▽=0	2 PLACES	± 0.13	± ---	APPROVED BY DATE VL IN 2012/10/10	molex		
				1 PLACE	± 0.25	± ---				
				0 PLACE	± ---	± ---				
				ANGULAR ±1/2°			MATERIAL NO. 171088-0025	DOCUMENT NO. SD-171088-0025	SHEET NO. 3 OF 3	
				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		