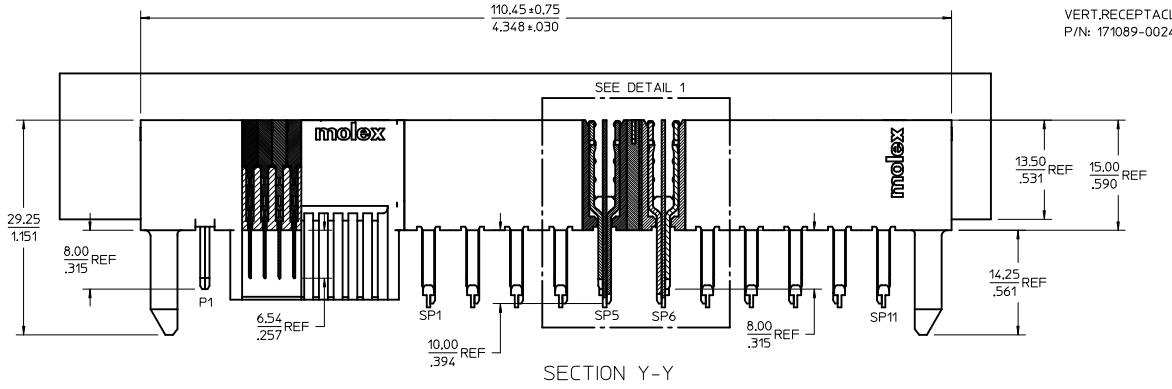
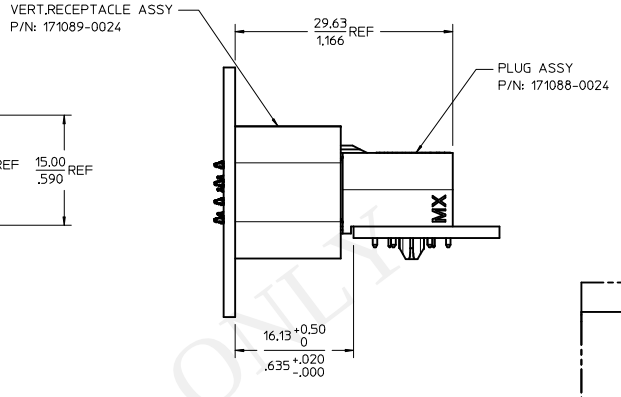
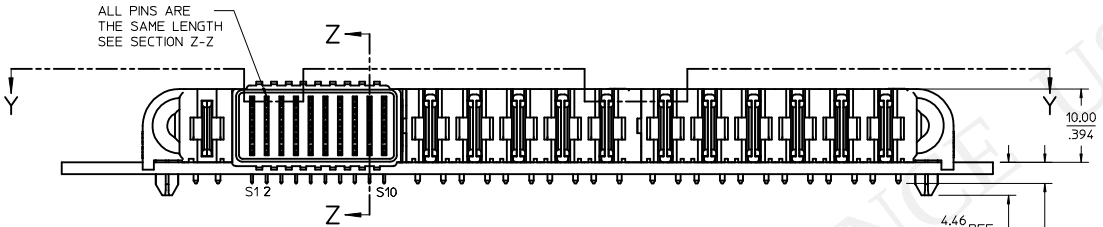
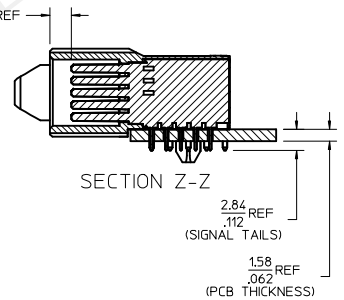
3D MODEL NO.: TM-171088-0024




SECTION Y-Y

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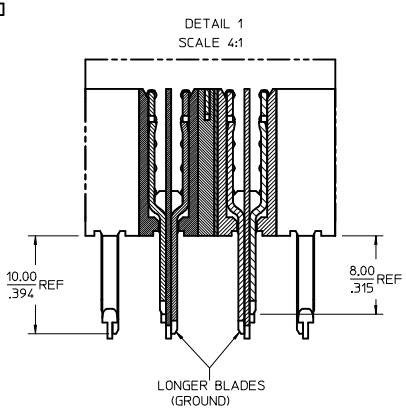
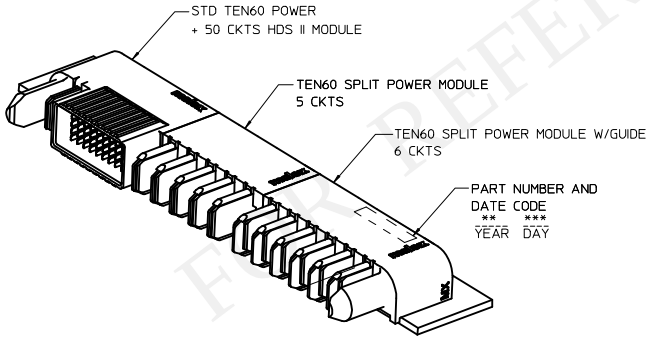
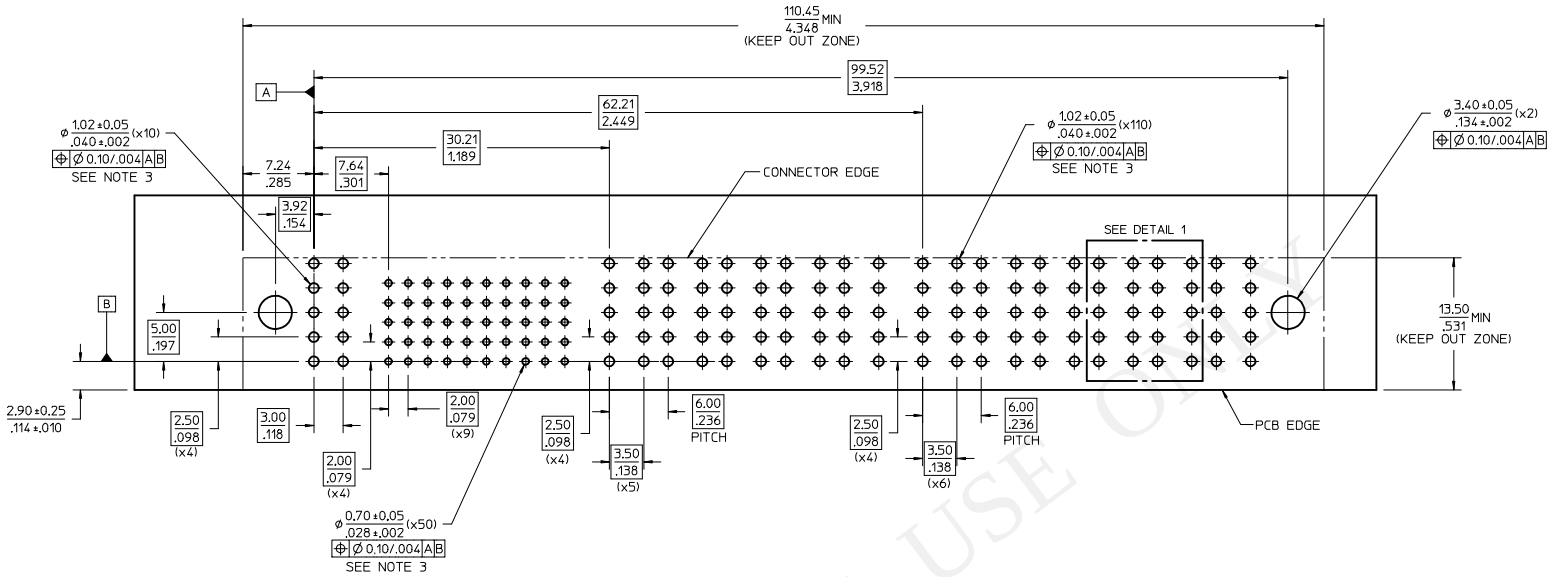


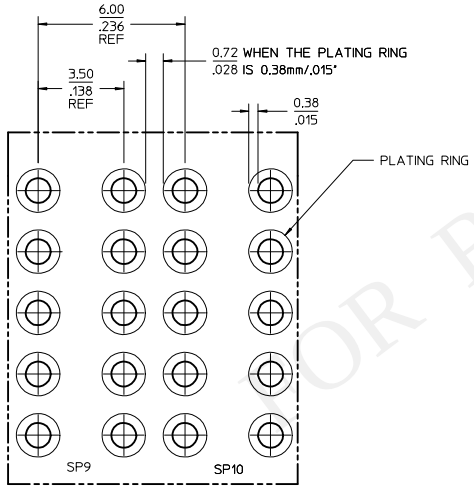

NOTES:
1. MATERIAL:
   - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
   -TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
   -PLATING: 1.27 MICROMETER ( 50 MICROINCH) NICKEL OVERALL
   WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS
   AND 0.762 MICROMETER ( 30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
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 171089-0024
7. TAIL DESIGN: SOLDER TAIL
8. SIGNAL CONTACTS ARE LUBRICATED.



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ENTER DESCRIPTION<br>EC NO: UCP2013-1517<br>DRWN:VL IN<br>CHKD:<br>APPR:VL IN | 2012/10/10<br>2012/10/17 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm / INCH<br>4 PLACES ± --- / ± ---<br>3 PLACES ± --- / ± ---<br>2 PLACES ± 0.13 / ± ---<br>1 PLACE ± 0.25 / ± ---<br>0 PLACE ± --- / ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE: MM/IN<br>DRAWN BY: VL IN DATE: 2012/09/12<br>CHECKED BY: DATE:<br>APPROVED BY: VL IN DATE: 2012/10/10<br>MATERIAL NO.: 171088-0024<br>SIZE: D | SCALE: 3:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION<br>TITLE: TEN60 SPLIT POWER PLUG ASSY G-1P-50S-5SP-6SP-G<br>molex<br>DOCUMENT NO.: SD-171088-0024<br>SHEET NO.: 1 OF 3 |
| 4 | | REV | | | | 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
(SEE SHEET 3 FOR PIN ASSIGNMENT)

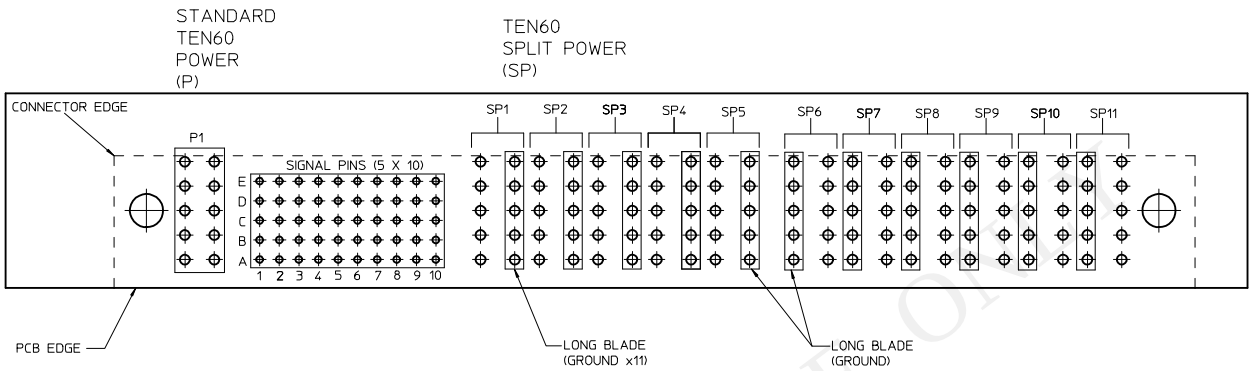


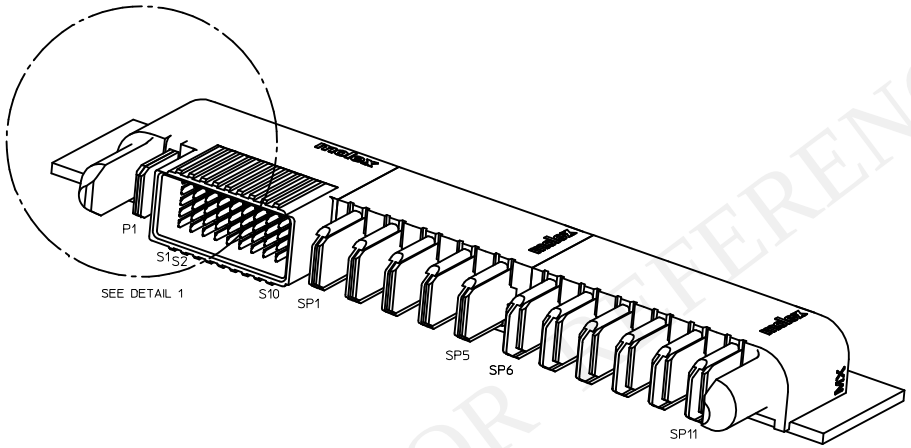

DETAIL 1
SCALE 10:1

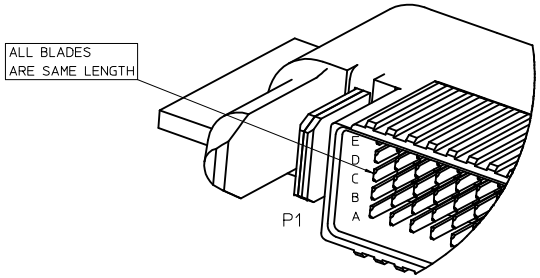


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ENTER DESCRIPTION<br>EC NO: UCP2013-1517 2012/10/10<br>DRWN: VL IN 2012/10/17<br>CHKD:<br>APPR: VL IN | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM/IN | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| DESCRIPTION | | mm / INCH | DRAWN BY VL IN DATE 2012/09/12 | TITLE | TEN60 SPLIT POWER PLUG ASSY G-1P-50S-5SP-6SP-G | | |
| REV | ▽=0 | 4 PLACES ± --- / ± --- | CHECKED BY DATE | | | | |
| 4 | ▽=0 | 3 PLACES ± --- / ± --- | APPROVED BY DATE VL IN 2012/10/10 | molex | | | |
| | ▽=0 | 2 PLACES ± 0.13 / ± --- | MATERIAL NO. 171088-0024 | DOCUMENT NO. SD-171088-0024 | SHEET NO. 2 OF 3 | | |
| | | 1 PLACE ± 0.25 / ± --- | | | | | |
| | | 0 PLACE ± --- / ± --- | | | | | |
| | | ANGULAR ±1/2° | | | | | |
| | | 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 | | | |

# PCB PIN ASSIGNMENT




DETAIL 1
SCALE 5:1



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ENTER DESCRIPTION<br>EC NO: UCP2013-1517<br>DRWN:VL IN 2012/10/10<br>CH'KD:<br>APPR:VL IN 2012/10/17 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm / INCH<br>4 PLACES ± --- / ± ---<br>3 PLACES ± --- / ± ---<br>2 PLACES ± 0.13 / ± ---<br>1 PLACE ± 0.25 / ± ---<br>0 PLACE ± --- / ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM/IN | SCALE<br>4:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION | |
| | | | | DRAWN BY VL IN DATE 2012/09/12<br>CHECKED BY DATE<br>APPROVED BY VL IN DATE 2012/10/10<br>MATERIAL NO. 171088-0024 | TITLE<br>TEN60 SPLIT POWER PLUG ASSY<br>G-1P-50S-5SP-6SP-G<br>molex<br>DOCUMENT NO. SD-171088-0024 | | SHEET NO. 3 OF 3 | |
| 4 | REV | | | SIZE D | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |