

NOTES:

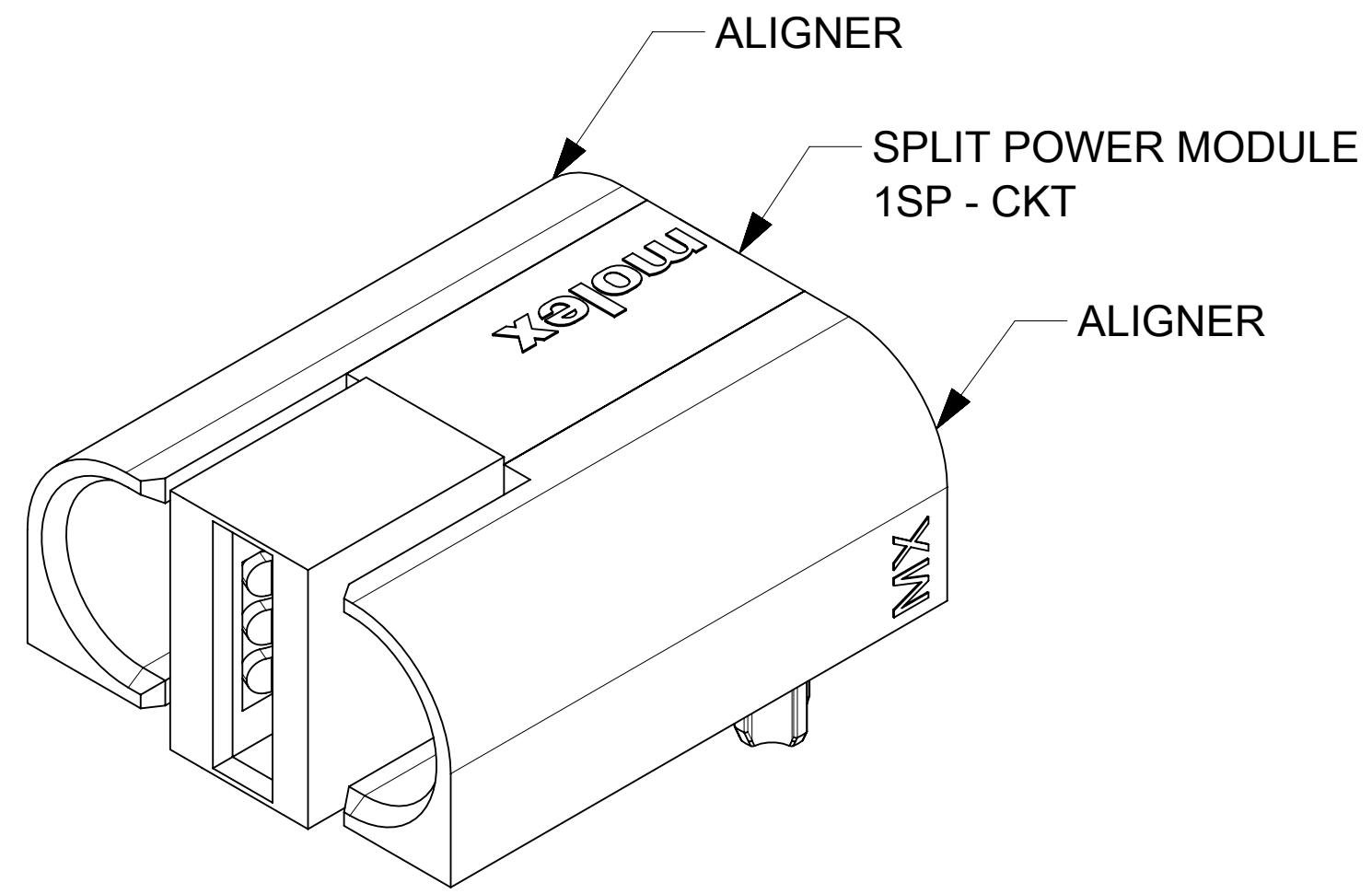
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR: BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 1710901001-PK
- PLATED THRU HOLE SIZE, REFER TO PS-171088-0000 FOR DETAILS
- PRODUCT SPEC: PS-171088-0000
- APPLICATION SPEC: AS-46436-100
- PRODUCT TO MEET RoHS REQUIREMENTS
- ASSEMBLY MATES TO MOLEX PLUG ASSEMBLY P/N 171088-**** (SEE TABLE IN SHEET 2)
- TAIL DESIGN: COMPLIANT TAILS
- POWER CONTACTS ARE LUBRICATED.
- MOLEX LOGO TO BE LOCATED APPROXIMATELY AS SHOWN.

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 3SP)-G

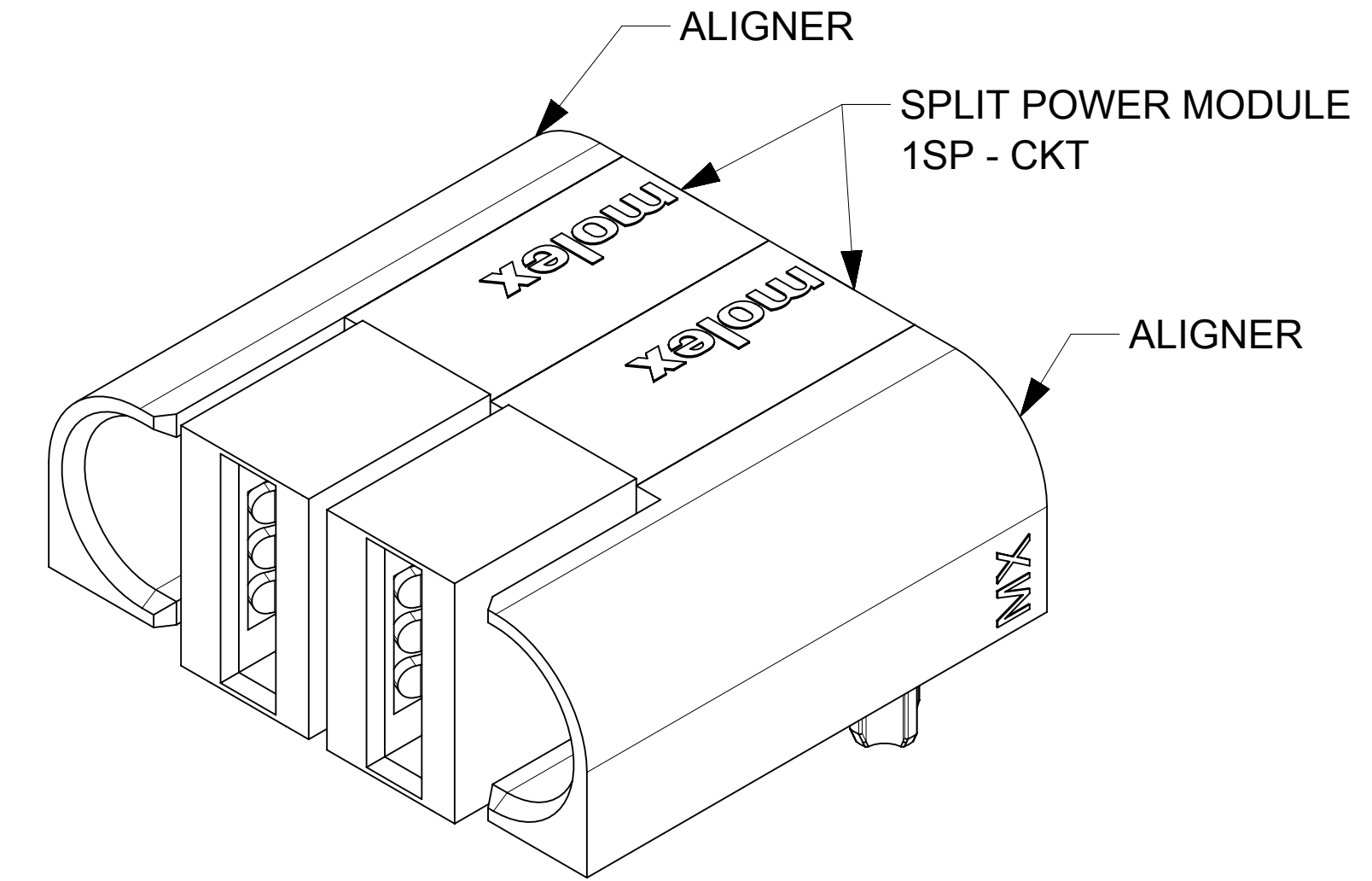
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|---|----------|--|---------|--------|-----------------|----------------|--------------|--|--|-----------------|----------|----------|----------|------------|-----|-----|----|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: REMOVED P/N 8404 TO 8410 | | | | | | | | | | | | | | | |
| mm | 4:1 | <p style="text-align: center;">G-SP-G R/A RECEP ASSY - TEN60 SPLIT POWER</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>REVISION</td> </tr> <tr> <td>1710908410</td> <td>PSD</td> <td>000</td> <td>A2</td> </tr> </table> | | | | | | | | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | 1710908410 | PSD | 000 | A2 |
| DOCUMENT NUMBER | DOC TYPE | | | | | | | | | DOC PART | REVISION | | | | | | |
| 1710908410 | PSD | | | | | | | | | 000 | A2 | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | |
| ANGULAR TOL | ± 0.5° | | | | | | | | | | | | | | | | |
| 4 PLACES | ± | | | | | | | | | | | | | | | | |
| 3 PLACES | ± | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | | | | | | | | | | | | | | | | |
| 0 PLACES | ± | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | | | | | | | | |
| | | | D-SIZE | 171090 | SEE TABLE | GENERAL MARKET | 1 OF 2 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

REFER TO BELOW TABLE FOR DIMENSIONS.

| FG P/N | CONFIGURATION | POWER CKT SIZE | DIM "A" (IN MM) | DIM "B" (IN MM) | DIM "X" (IN MM) | HOLES COUNT "H1" | MATES WITH R/A PLUG ASSY P/N |
|------------|---------------|----------------|-----------------|-----------------|-----------------|------------------|------------------------------|
| 1710908401 | G-1SP-G | 1 | 21.50 | 22.50 | 9.00 | 10 | 1710888401 |
| 1710908402 | G-2SP-G | 2 | 29.50 | 30.50 | 17.00 | 20 | 1710888402 |
| 1710908403 | G-3SP-G | 3 | 37.50 | 38.50 | 25.00 | 30 | 1710888403 |



P/N: 171090-8401 (G-1SP-G)



P/N: 171090-8402 (G-2SP-G)

| | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|----------------|--|-----------------|--|
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: REMOVED P/N 8404 TO 8410 | | | | | | molex | |
| mm | | 4:1 | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 707711 | | | | | | | |
| ANGULAR TOL ± 0.5° | | | | DRWN: KSUTAR 2022/05/19 | | | | | | | |
| 4 PLACES ± | | | | CHK'D: GJEEVANSURES 2022/05/23 | | | | | | | |
| 3 PLACES ± | | | | APPR: HTHYAGARAJ 2022/06/08 | | | | | | | |
| 2 PLACES ± 0.13 | | | | INITIAL REVISION: | | | | | | | |
| 1 PLACE ± 0.25 | | | | DRWN: KSUTAR 2021/09/22 | | | | | | | |
| 0 PLACES ± | | | | APPR: HTHYAGARAJ 2021/11/08 | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | | | | D-SIZE | | 171090 | | SEE TABLE | |
| | | | | | | | | CUSTOMER | | SHEET NUMBER | |
| | | | | | | | | GENERAL MARKET | | 2 OF 2 | |