



ELECTRICAL SPECIFICATIONS

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| FREQUENCY RANGE | 5650 TO 7150 MHz |
| RETURN LOSS | -19 dB MAX |
| INSERTION LOSS | 0.5 dB MAX |
| ISOLATION | -18 dB MAX |
| IMD3 (dBc) @ +33 dBm POUT | -65 dBc MAX |
| FORWARD POWER | 20 W MAX |
| REVERSE POWER | 10 W MAX |
| OPERATING TEMPERATURE RANGE | -40 TO +85 °C |
| STORAGE TEMPERATURE RANGE | -45 TO +85 °C |
| DIRECTION | CCW |

MATERIAL SPECIFICATIONS :

BODY MATERIAL : STEEL, SILVER PLATED
 PIN : COPPER, GOLD PLATED

NOTES :

- STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm.
- LEAD FREE, NO Nd MATERIAL, BeO FREE.
- THE DIMENSION OF DATA MATRIX IS 3.0X3.0MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
- THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PART#: 811-565-715-PT040

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|--------------------|---|--------|-------|--|--|--|---------------------------------------|--|--|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | CURRENT REV DESC: RELEASE TO PROD | | | molex | | |
| | DIMENSION UNITS | SCALE | | | | | | | |
| DIVISIONAL SYMBOLS | MM | 1:1 | | EC NO: 696580 | | | SMT ISOLATOR/5.65 GHZ TO 7.15 GHZ/CCW | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | DRWN: SREN05 2022/02/21 | | | RESTRICTED PRODUCT CUSTOMER DRAWING | | |
| | 4 PLACES | ±0.005 | ±---- | CHK'D: JLI252 2022/02/23 | | | DOCUMENT NUMBER | | |
| | 3 PLACES | ±0.025 | ±---- | APPR: HWANG186 2022/03/01 | | | 735912082 | | |
| | 2 PLACES | ±0.13 | ±---- | INITIAL REVISION: | | | PSD 000 A | | |
| | 1 PLACE | ±0.25 | ±---- | DRWN: SREN05 2021/12/08 | | | MATERIAL NUMBER | | |
| | 0 PLACES | ±0.4 | ±---- | APPR: HWANG186 2022/03/01 | | | CUSTOMER | | |
| | ANGULAR TOL ± 1.5 ° | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SHEET NUMBER | | |
| | THIRD ANGLE PROJECTION | | | DRAWING | | | SERIES | | |
| | A3-SIZE | | | 73591 | | | 0735912082 | | |
| | CUSTOMER | | | CUSTOM PART | | | 1 OF 1 | | |