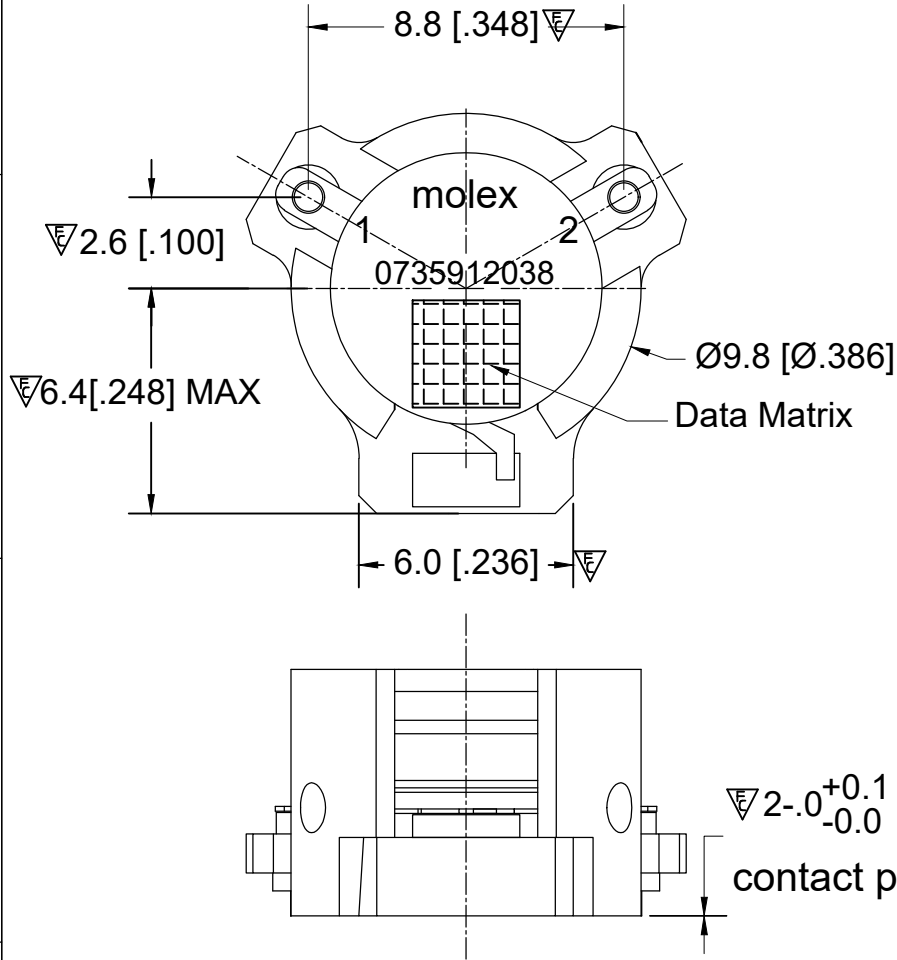
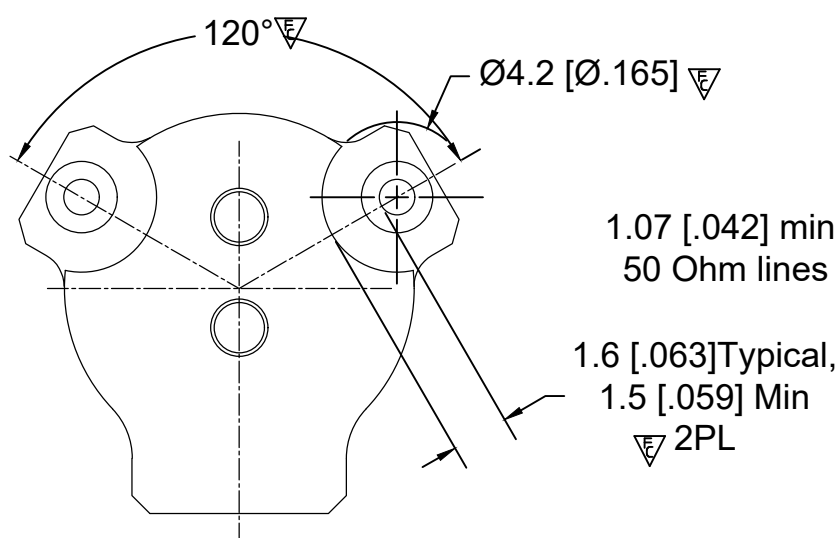
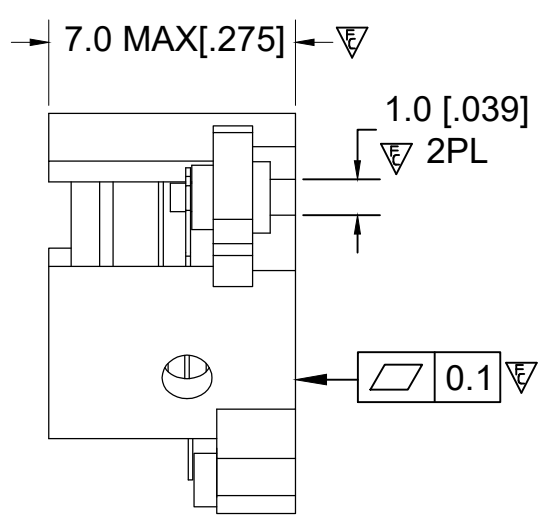


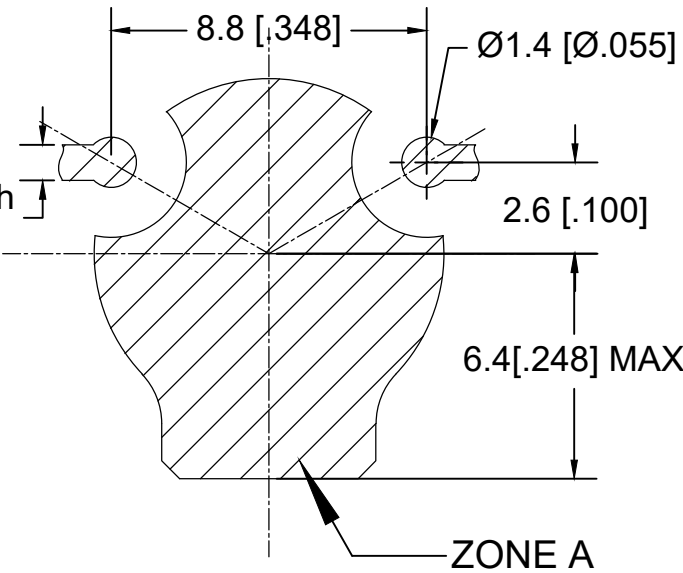


ELECTRICAL SPECIFICATIONS :

|                           |                   |
|---------------------------|-------------------|
| Frequency Range           | : 3400~3800 MHz   |
| Insertion Loss            | : 0.30 dB Max     |
| Isolation                 | : 20 dB Min       |
| Return Loss(Input/Output) | : 20 dB Min       |
| Peak Power Handling       | : 30 W            |
| Power Handling Average    | : 20W             |
| Max Reflected Power       | : 4W              |
| FWD IMD3 (2x5W)           | : -60 dBc Max     |
| Operating Temperature     | : -40°C to +105°C |
| Direction                 | : CW              |



**RECOMMENDED LAND PATTERN :**  
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].

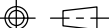


PCB Material :Rogers RO4350B,0.508mm thickness  
trace width 1.07mm wide.

**MATERIAL :**  
BODY : STEEL, SILVER PLATED  
PIN : COPPER , SILVER PLATED  
**NOTES :**

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

ENG PART#: 801-340-380-VT040

|                     |                                                                                                                                               |    |        |       |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----|--------|-------|----------------------------------------------------------------------------------------------------|--|---------|----------------------------------|--------|-----------------|-----------------|----------------|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS  | 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:<br><br>CHANGE ECTR RESTRICTED ***                                                |  |         | <div>molex</div>                 |        |                 |                 |                |                |  |              |  |
|                     | MM                                                                                                                                            |    | 1:1    |       |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
|                     | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |        |       | EC NO: 702316<br>DRWN: SREN05 2022/04/20<br>CHK'D: WWANG99 2022/04/21<br>APPR: HWANG186 2022/04/22 |  |         | SMSJ ISOLATOR/3400~3800MHZ/CW    |        |                 |                 |                |                |  |              |  |
|                     |                                                                                                                                               | mm | INCH   |       |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
|                     | 4 PLACES                                                                                                                                      |    | ±0.005 | ±---- | INITIAL REVISION:<br>DRWN: SREN05 2021/11/12<br>APPR: HWANG186 2022/04/15                          |  |         | DOCUMENT NUMBER<br><br>735912038 |        | DOC TYPE<br>PSD | DOC PART<br>000 | REVISION<br>A1 |                |  |              |  |
|                     | 3 PLACES                                                                                                                                      |    | ±0.025 | ±---- |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
|                     | 2 PLACES                                                                                                                                      |    | ±0.13  | ±---- |                                                                                                    |  |         | PRODUCT CUSTOMER DRAWING         |        |                 |                 |                |                |  |              |  |
|                     | 1 PLACE                                                                                                                                       |    | ±0.2   | ±---- |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
|                     | 0 PLACES                                                                                                                                      |    | ±0.4   | ±---- |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
| ANGULAR TOL ± 1.5 ° |                                                                                                                                               |    |        |       |                                                                                                    |  |         |                                  |        |                 |                 |                |                |  |              |  |
| DIVISIONAL SYMBOLS  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |    |        |       | THIRD ANGLE PROJECTION                                                                             |  | DRAWING |                                  | SERIES |                 | MATERIAL NUMBER |                | CUSTOMER       |  | SHEET NUMBER |  |
|                     |                                                                                                                                               |    |        |       |               |  | A3-SIZE |                                  | 73591  |                 | 0735912038      |                | GENERAL MARKET |  | 1 OF 1       |  |