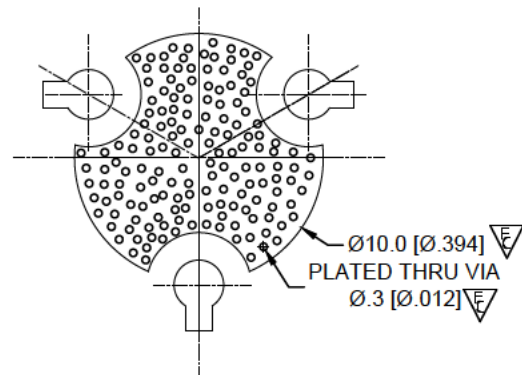
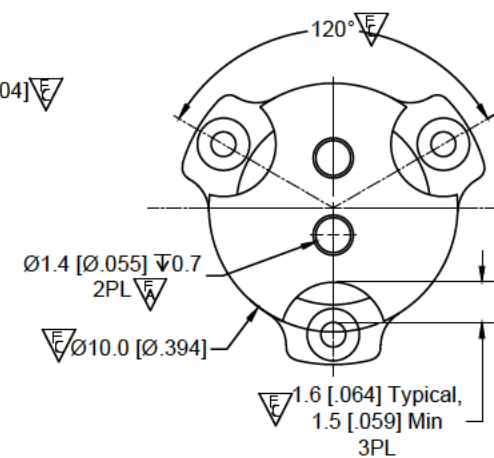
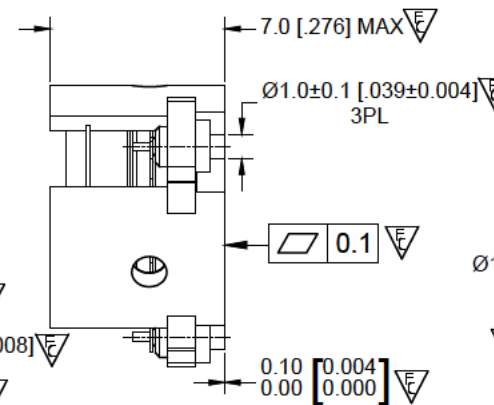
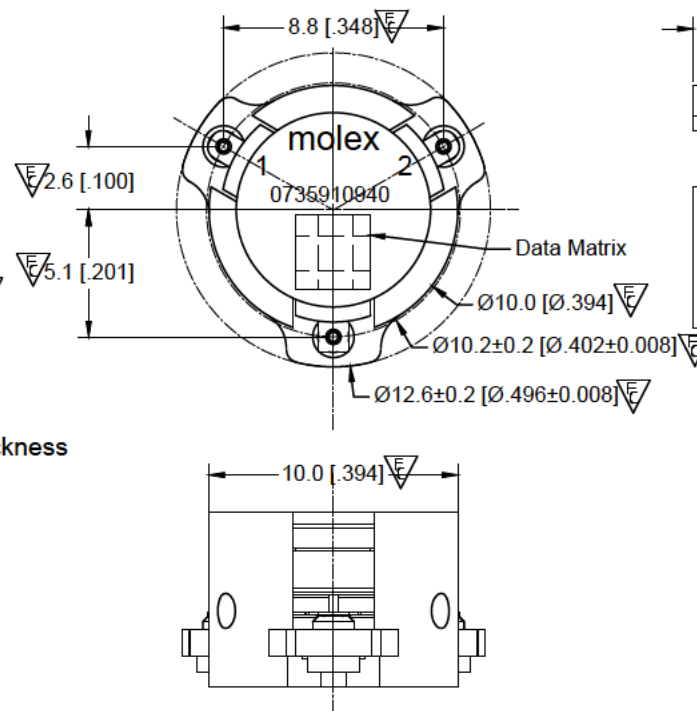


## RECOMMENDED LAND PATTERN :

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, 1oz copper.



## ELECTRICAL SPECIFICATION :

|                          |                    |
|--------------------------|--------------------|
| Frequency Range          | : 3550 to 3700 MHz |
| INSERTION LOSS           | : 0.35 dB max      |
| ISOLATION                | : 20 dB min        |
| RETURN LOSS              | : 20 dB min        |
| IMD3(2x5 W, 1 MHz space) | : -60dBc max       |
| INPUT POWER:             | : 50W              |
| PEAR POWER:              | : 200W             |
| OPERATING TEMPERATURE    | : -40°C to +105°C  |
| STORAGE TEMPERATURE      | : -40°C to +125°C  |
| DIRECTION                | : CW               |

## 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.\*3mm Information including  
WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
4. This part complies with all RoHS requirements.

ENG PART#: 802-355-370-VP030

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                      |         |                        |         |        |                 |             |                 |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------|------------------------|---------|--------|-----------------|-------------|-----------------|--------------|
| SYMBOLS                                                                                                                                       | DIMENSION UNITS                                      | SCALE   | CURRENT REV DESC:      |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | mm                                                   | 1:1     | INITIAL RELEASE        |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | GENERAL TOLERANCES (UNLESS SPECIFIED)                |         | EC NO:                 |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | ANGULAR TOL ± 1.5°                                   |         | DRWN: SR MAR-27-19     |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | 4 PLACES                                             | ± 0.005 | CHK'D: LB MAR-27-19    |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | 3 PLACES                                             | ± 0.025 | APPR: HW MAR-27-19     |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | 2 PLACES                                             | ± 0.13  | INITIAL REVISION:      |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | 1 PLACES                                             | ± 0.20  | DRWN: SR MAR-27-19     |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | 0 PLACES                                             | ± 0.40  | APPR: HW MAR-27-19     |         |        |                 |             |                 |              |
| ▽ = 0                                                                                                                                         | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER    | DOCUMENT NUMBER | SHEET NUMBER |
| ▽ = 0                                                                                                                                         |                                                      |         |                        | A3-SIZE | 073591 | 0735910940      | Custom Part | PSD 000         | 1 OF 1       |