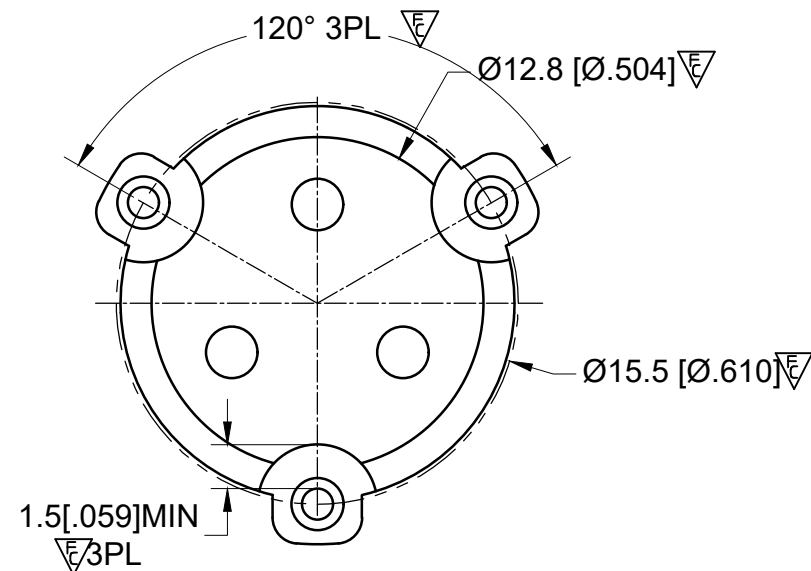
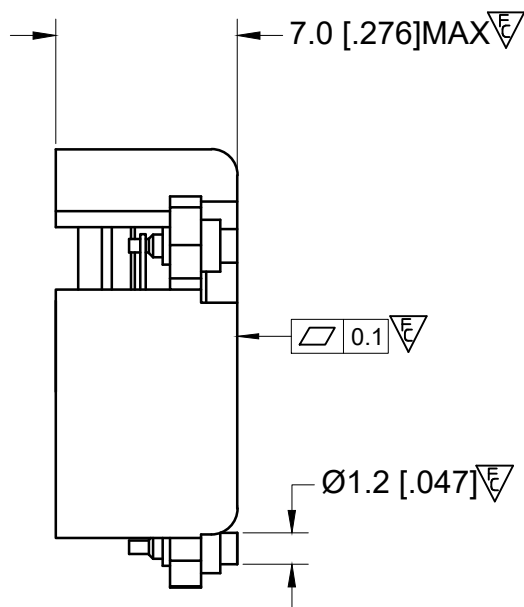
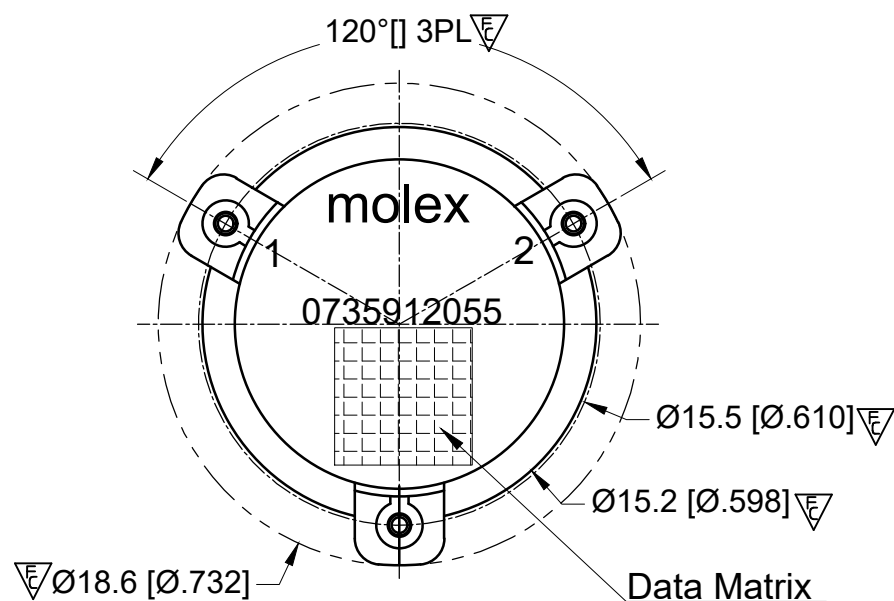
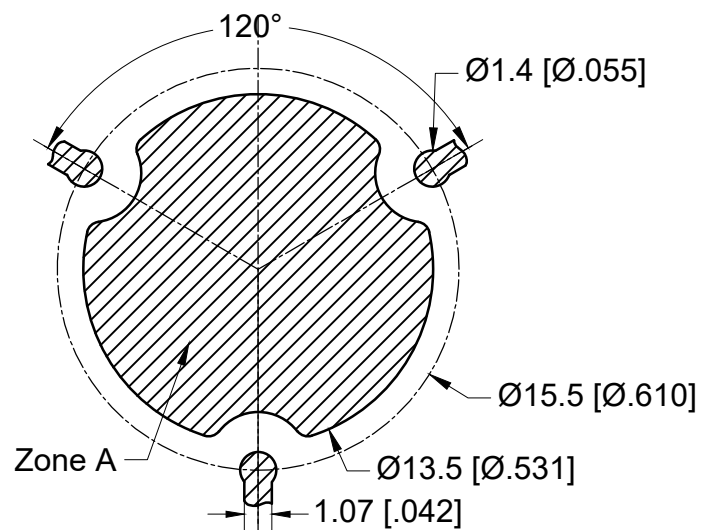
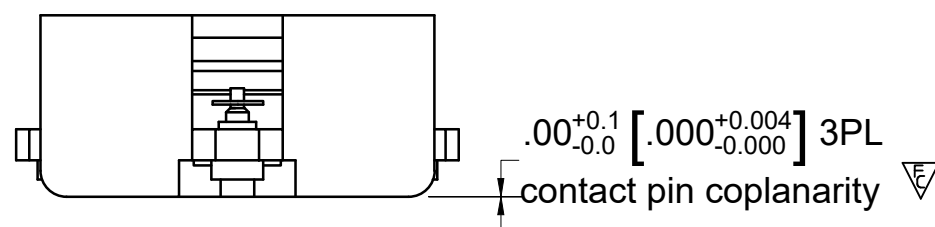


**RECOMMENDED LAND PATTERN :**

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.



**ELECTRICAL SPECIFICATIONS :**

- Frequency Range : 3700~3980 MHz
- Insertion Loss : 0.25 dB Max
- Isolation : 20 dB Min
- Return Loss : 20 dB Min
- Average forward power : 65W
- Peak forward power : 470W
- Attenuation(2\*TX ) : 10dB min
- (3\*TX ) : 5dB min
- (4\*TX and 5\*TX: ) : 10dB min
- FMD IMD3(2 x 25 W, 1 MHz space) : -60 dBc Max
- Operating Temperature : -40°C to +105°C
- Storage Temperature : -55°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 5.3X5.3MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
- 4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

**ENG PART#: 802-370-398-WP040**

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:					
MM		1:1		RELEASE TO PROD						
GENERAL TOLERANCES (UNLESS SPECIFIED)										
mm INCH										
4 PLACES ±0.25 ±----										
3 PLACES ±0.05 ±----										
2 PLACES ±0.13 ±----										
1 PLACE ±0.25 ±----										
0 PLACES ±0.4 ±----										
ANGULAR TOL ± 1.5 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
DIVISIONAL SYMBOLS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER
$\nabla_A=0$ $\nabla_E=0$ $\nabla_P=0$				A3-SIZE		73591		0735912055		CUSTOM PART
EC NO: 696580				DRWN: SREN05		2022/02/21		RESTRICTED PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 735912055 DOC TYPE: PSD DOC PART: 000 REVISION: A		
CHK'D: JLI252				2022/02/23		2022/03/01				
APPR: HWANG186				INITIAL REVISION:		2021/11/12				
DRWN: SREN05				APPR: HWANG186		2022/03/01				
DOCUMENT STATUS		P1		RELEASE DATE		2022/03/01		06:07:15		