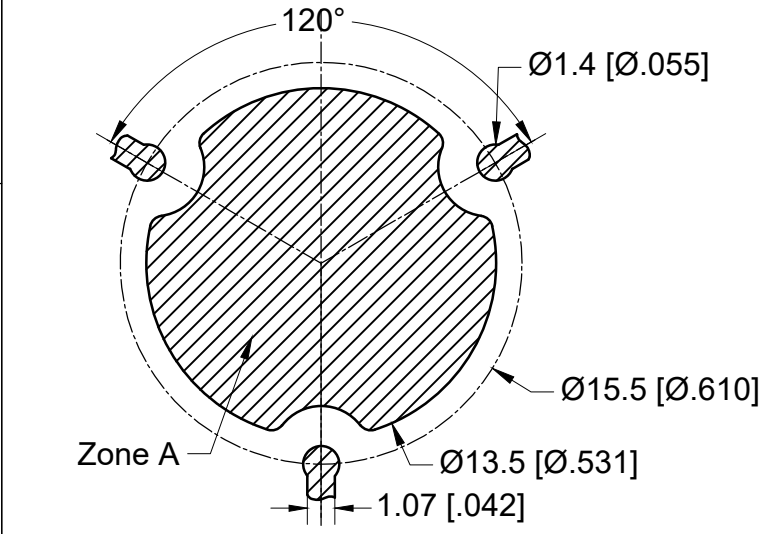
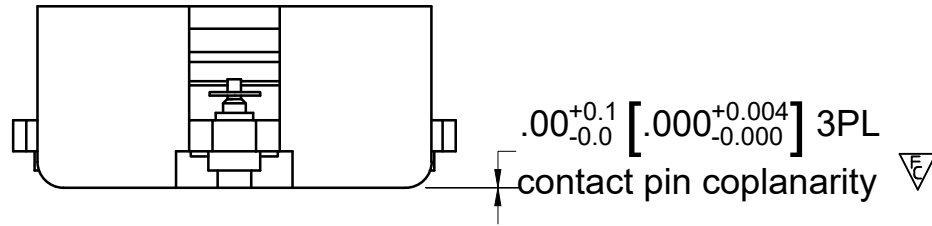
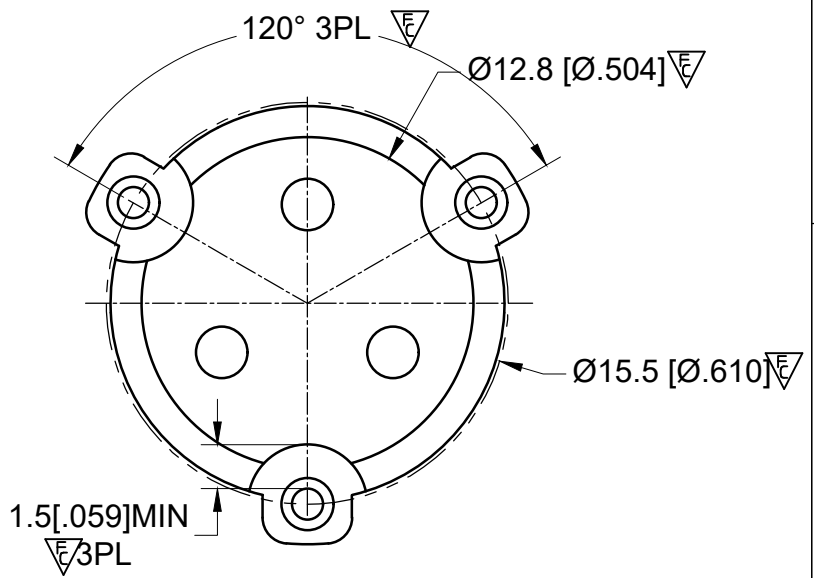
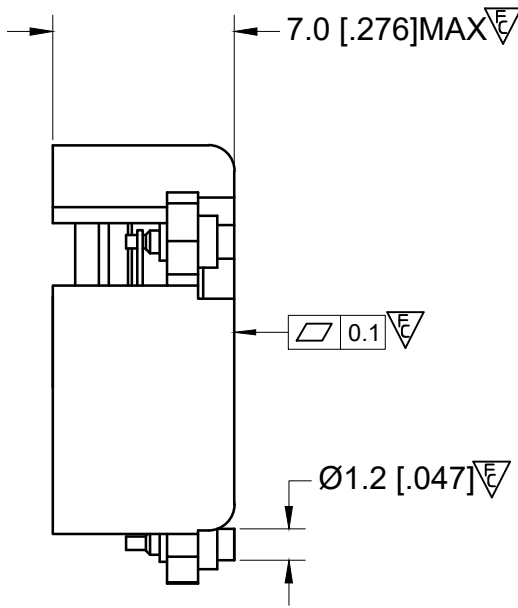
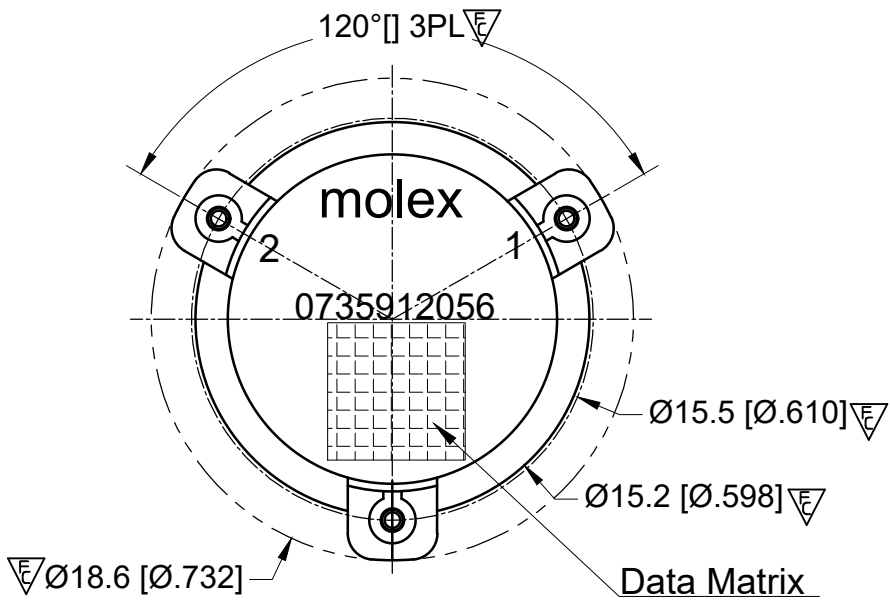


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



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 : CCW

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#: 812-370-398-WP040

FUNCTIONAL SYMBOLS F_A=0 F_E=0 F_P=0 DIVISIONAL 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: ---			molex							
	MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				SMSJ CIRCULATOR/3700~3980MHZ/CCW										
		mm	INCH												
	4 PLACES	±0.025	±----		EC NO: 696580	2022/02/21 2022/02/23 2022/03/01		RESTRICTED PRODUCT CUSTOMER DRAWING							
	3 PLACES	±0.05	±----		DRWN: SREN05										
	2 PLACES	±0.13	±----		CHK'D: JLI252										
	1 PLACE	±0.25	±----		APPR: HWANG186	DOCUMENT NUMBER 735912056									
	0 PLACES	±0.4	±----		INITIAL REVISION:							DOC TYPE			DOC PART
ANGULAR TOL ± 1.5 °				APPR: HWANG186		2021/11/12 2022/03/01		PSD 000 A							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 73591		MATERIAL NUMBER 0735912056		CUSTOMER CUSTOM PART		SHEET NUMBER 1 OF 1	