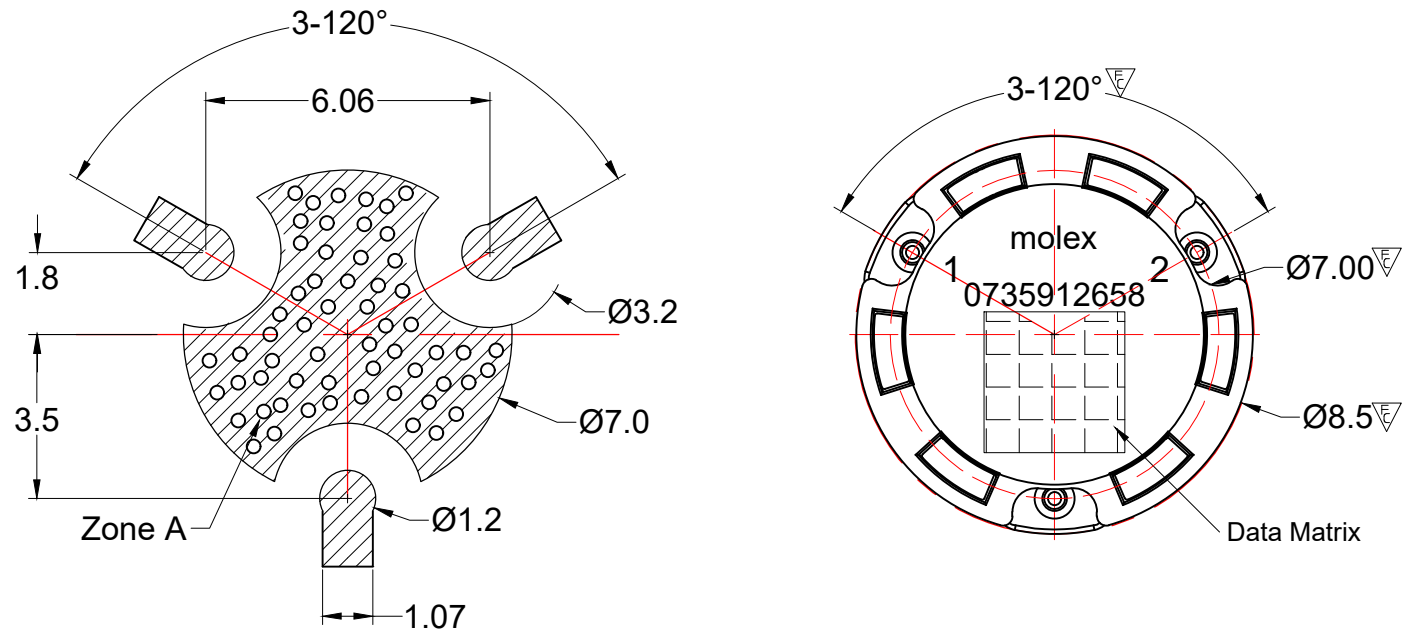


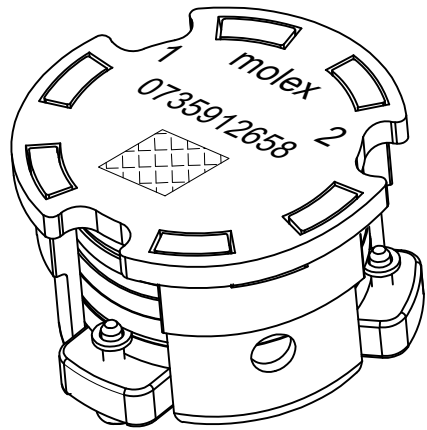
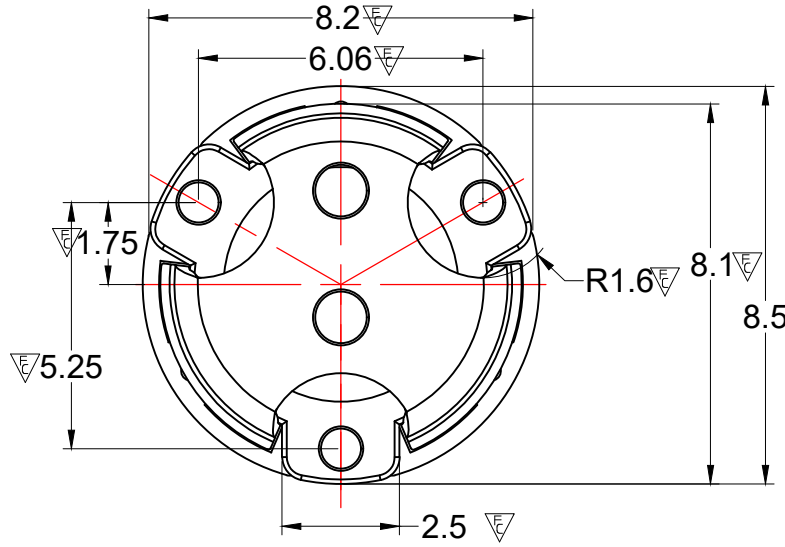
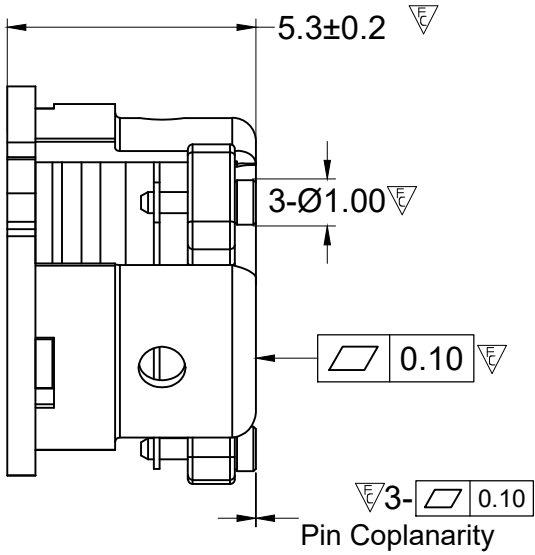
RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



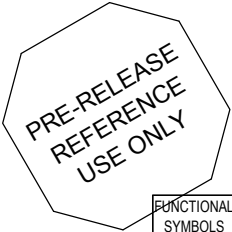
PCB Material:RO4350B/20mil;
Pad size(Port1,2,3): Φ=1.2mm

ELECTRICAL SPECIFICATIONS:

Frequency Range : 3550~3770 MHz
Input power(Within freq. range) : 20W
Input power, peak (Within freq. range) :100W
Reflected power : 20W
Insertion Loss : 0.35 dB max
Isolation : 20 dB min
Return Loss(Inband, all ports) : 20 dB min
Inter modulation distortion 3:rd order:(10W x 2 tones,1MHz Spacing): -55dBc max
(5W x 2 tones,1MHz Spacing) : -60dBc max
Operating Temperature : -40°C to +110°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#: 802-355-377-YS028

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: INITIAL RELEASE			molex SMSJ CIRCULATOR/3550~3770 MHZ/CW ---- RESTRICTED PRODUCT CUSTOMER DRAWING								
	MM		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS:---- DRWN: SMILE REN 2023-08-22 CHK'D: ---- APPR: ----						DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
		mm	INCH								735912658			PSD	000	1
4 PLACES	±0.025	±----														
3 PLACES	±0.05	±----														
DIVISIONAL SYMBOLS	2 PLACES	±0.13	±----					2023-08-22			CUSTOMER			SHEET NUMBER		
	1 PLACE	±0.2	±----													
	0 PLACES	±0.4	±----													
	ANGULAR TOL ± 1.5 °															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		73591		0735912658		CUSTOM PART		1 OF 1		