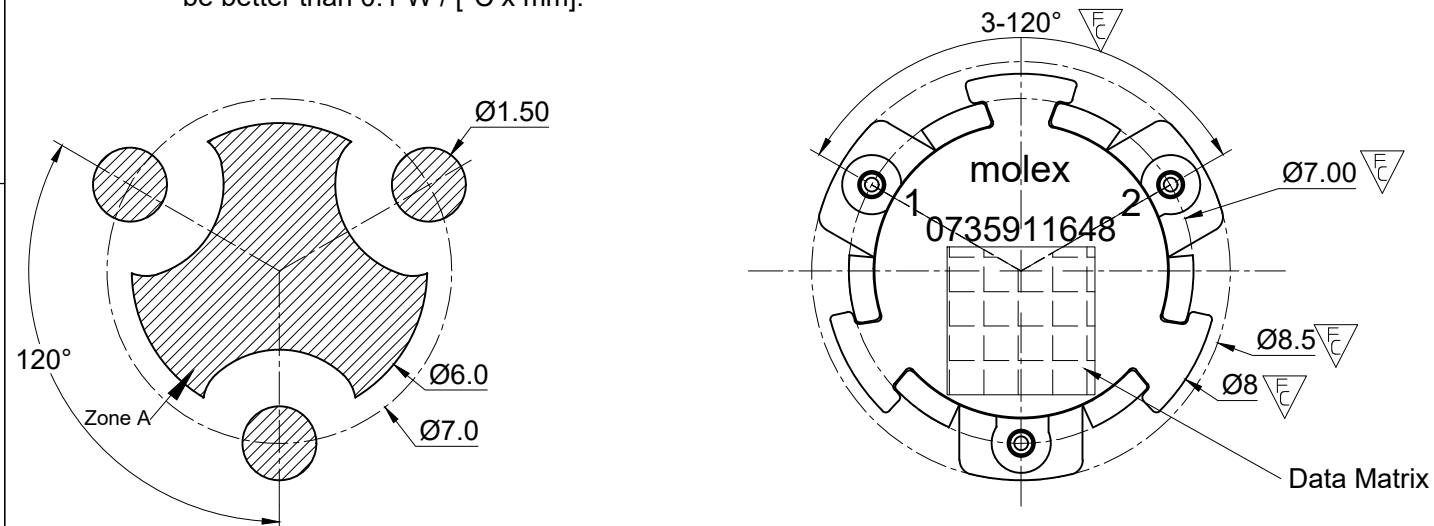
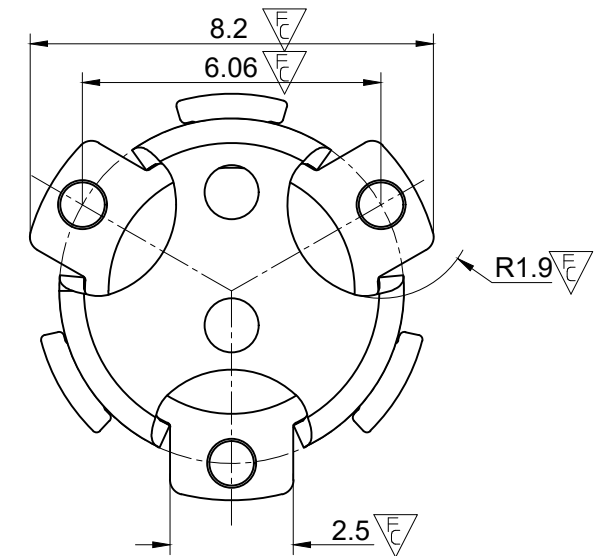
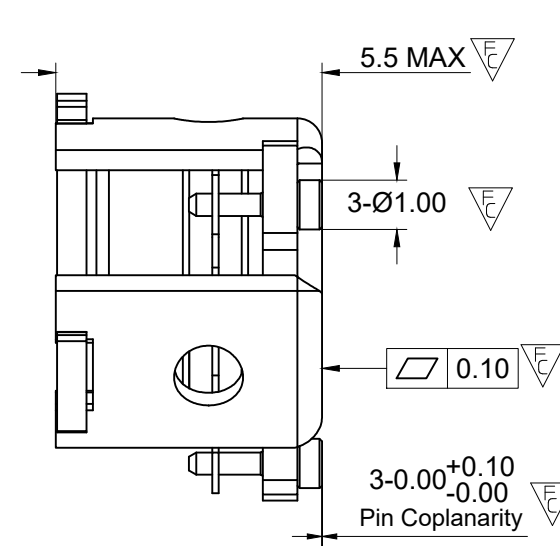
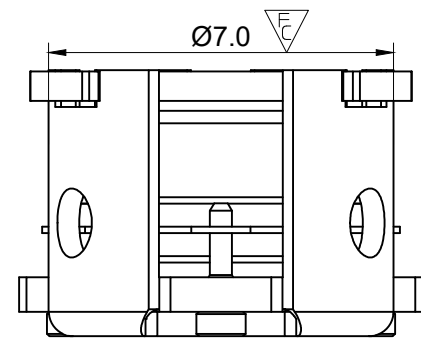


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



PCB Material :Rogers RO4350B,0.508mm thickness
trace width 1.07mm wide, 1oz copper.



ELECTRICAL SPECIFICATIONS

Frequency Range	: 3700~3980 MHz
Insertion Loss	: 0.35 dB max
Isolation	: 20 dB Min
Return Loss	: 20 dB min
Forward Power	: 20W
Peak Power	: 200W
Reverse Power	: 20W
IMD(2.5W*2tones,1MHz Spacing)	:-60 dBc max
Operating Temperature	: -40°C to +105°C
Direction	: CW

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

PRE-RELEASE
REFERENCE
USE ONLY

ENG PART#: 802-370-398-YS130

FUNCTIONAL SYMBOLS F_A =0 F_C =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: INITIAL RELEASE				molex														
	MM		1:1																				
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: ---- DRWN: SREN05 2020/12/14				SMSJ CIRCULATOR/3700~3980MHZ/CW														
		mm	INCH																				
	4 PLACES	±0.005	±----		CHK'D: ---- ----				RESTRICTED PRODUCT CUSTOMER DRAWING														
	3 PLACES	±0.025	±----																				
	2 PLACES	±0.13	±----		APPR: ---- ----				DOCUMENT NUMBER 735911648						DOC TYPE PSD		DOC PART 000		REVISION 1				
	1 PLACE	±0.25	±----																				
	0 PLACES	±0.4	±----		INITIAL REVISION: DRWN: SREN05 2020/12/14				THIRD ANGLE PROJECTION 						DRAWING A3-SIZE		SERIES 73591		MATERIAL NUMBER 0735911648		CUSTOMER CUSTOM PART		SHEET NUMBER 1 OF 1
ANGULAR TOL ± 1.5 °																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																							