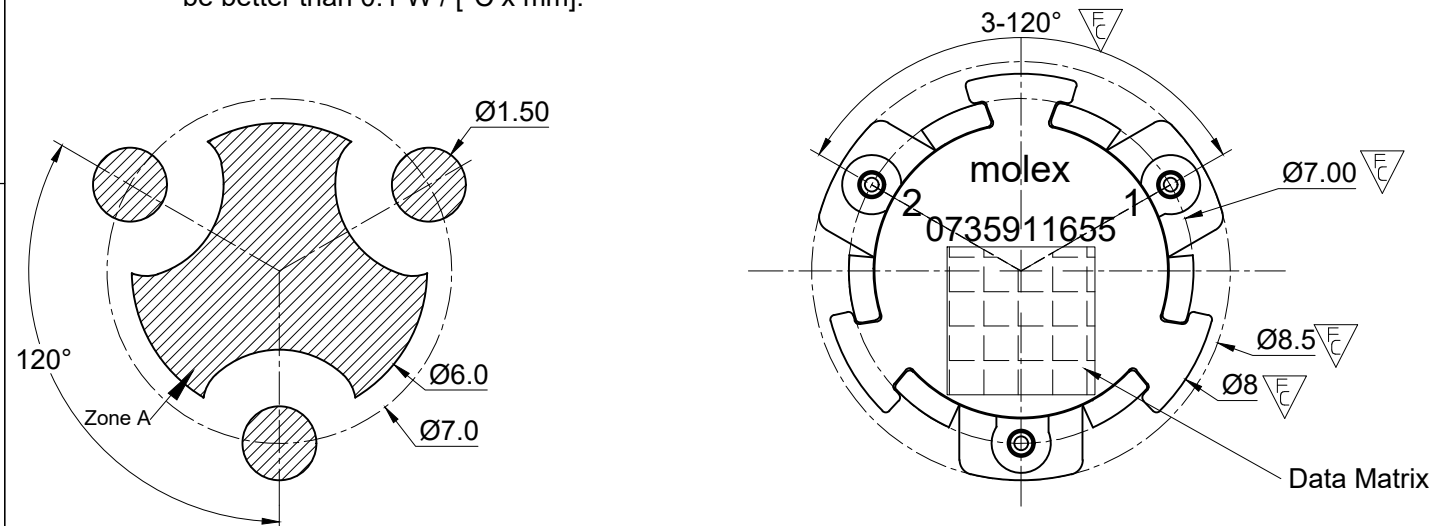
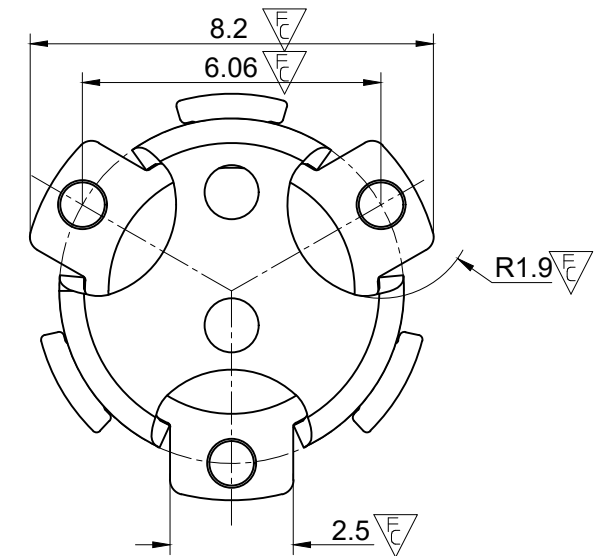
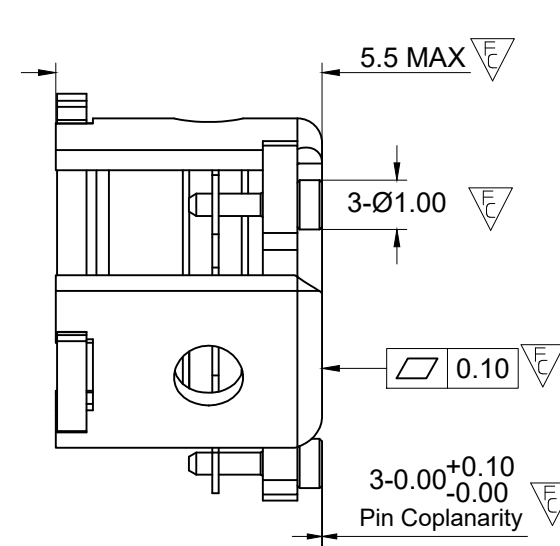
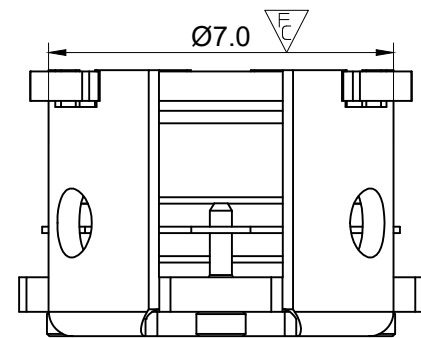


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



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



ELECTRICAL SPECIFICATIONS

Frequency Range	: 4800~5000 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	: CCW

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#: 812-480-500-YS130

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									
F C =0		MM		1:1													
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: ----		SMSJ CIRCULATOR/4800~5000MHZ/CCW									
				mm		INCH		DRWN: SREN05									
		4 PLACES		±0.005		±----						CHK'D: ----					
		3 PLACES		±0.025		±----		2020/12/14									
		2 PLACES		±0.13		±----						----					
		1 PLACE		±0.25		±----		APPR: ----									
0 PLACES		±0.4		±----		2020/12/14											
ANGULAR TOL ± 1.5 °				INITIAL REVISION:						DOCUMENT NUMBER				DOC TYPE		DOC PART	
						DRWN: SREN05											
				APPR: ----						735911655				PSD		000	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE		73591		0735911655		CUSTOM PART		1 OF 1			