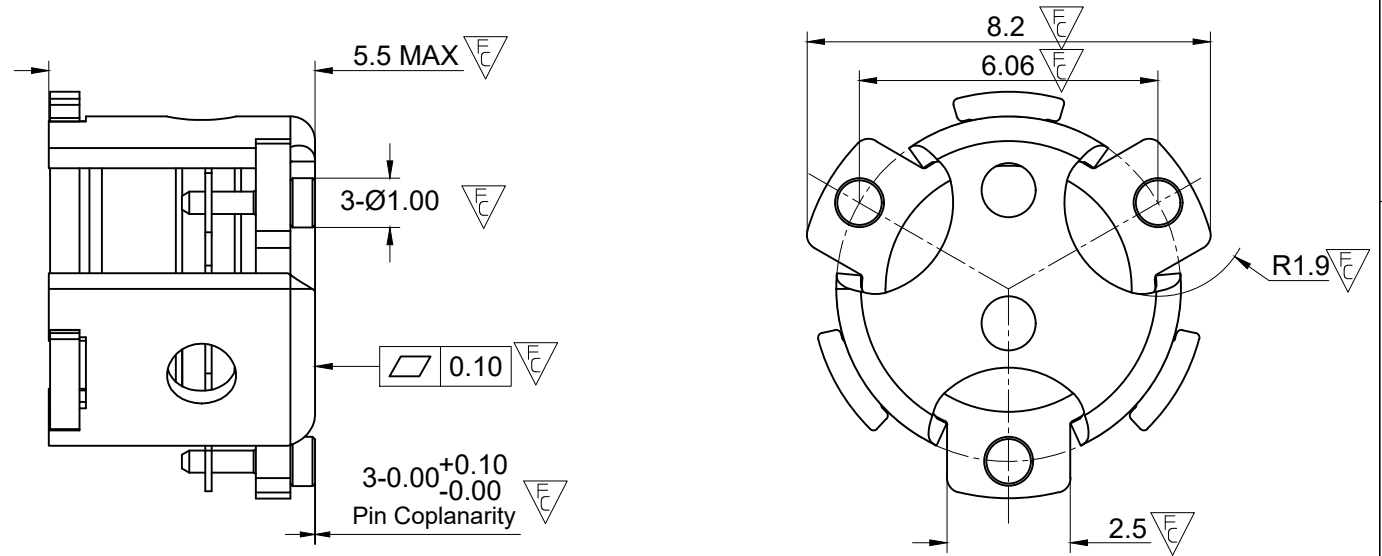
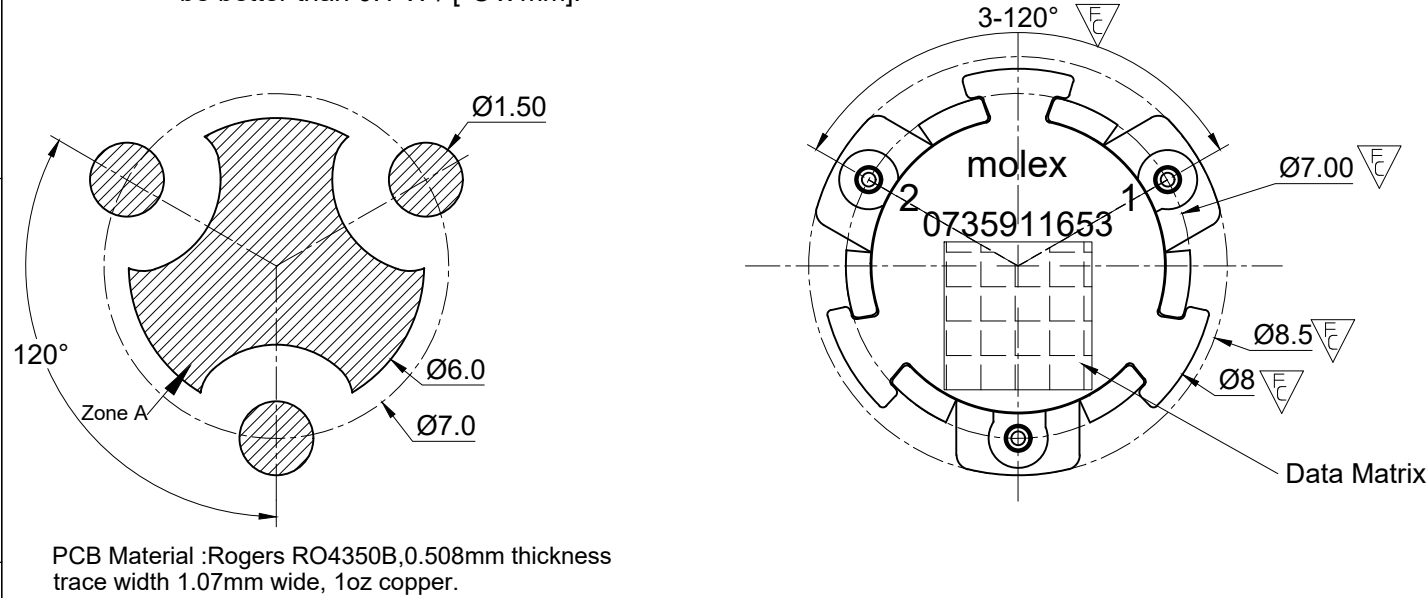


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity
of intermediate layers between Zone A and heat sink must
be better than 0.1 W / [°C x mm].



ELECTRICAL SPECIFICATIONS

Frequency Range	: 4400~4500 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#: 812-440-450-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									
	MM		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: ---- DRWN: SREN05 2020/12/14		SMSJ CIRCULATOR/4400~4500MHZ/CCW									
		mm	INCH													
	4 PLACES ±0.005 ±----				CHK'D: ----		RESTRICTED PRODUCT CUSTOMER DRAWING									
	3 PLACES ±0.025 ±----															
	2 PLACES ±0.13 ±----				APPR: ----		DOCUMENT NUMBER 735911653									
	1 PLACE ±0.25 ±----															
	0 PLACES ±0.4 ±----				INITIAL REVISION: DRWN: SREN05 2020/12/14		DOC TYPE PSD		DOC PART 000		REVISION 1					
ANGULAR TOL ± 1.5 °																
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A3-SIZE		73591		0735911653		CUSTOM PART		1 OF 1	

DOCUMENT STATUS	CK	RELEASE DATE	2020/12/14	07:49:07
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