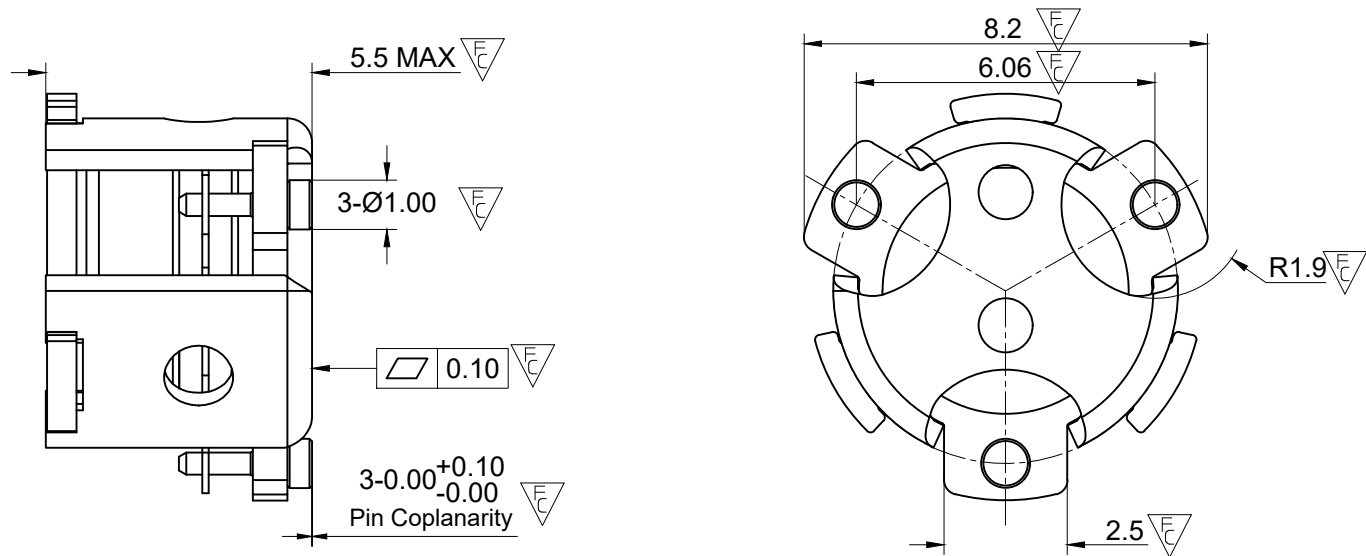
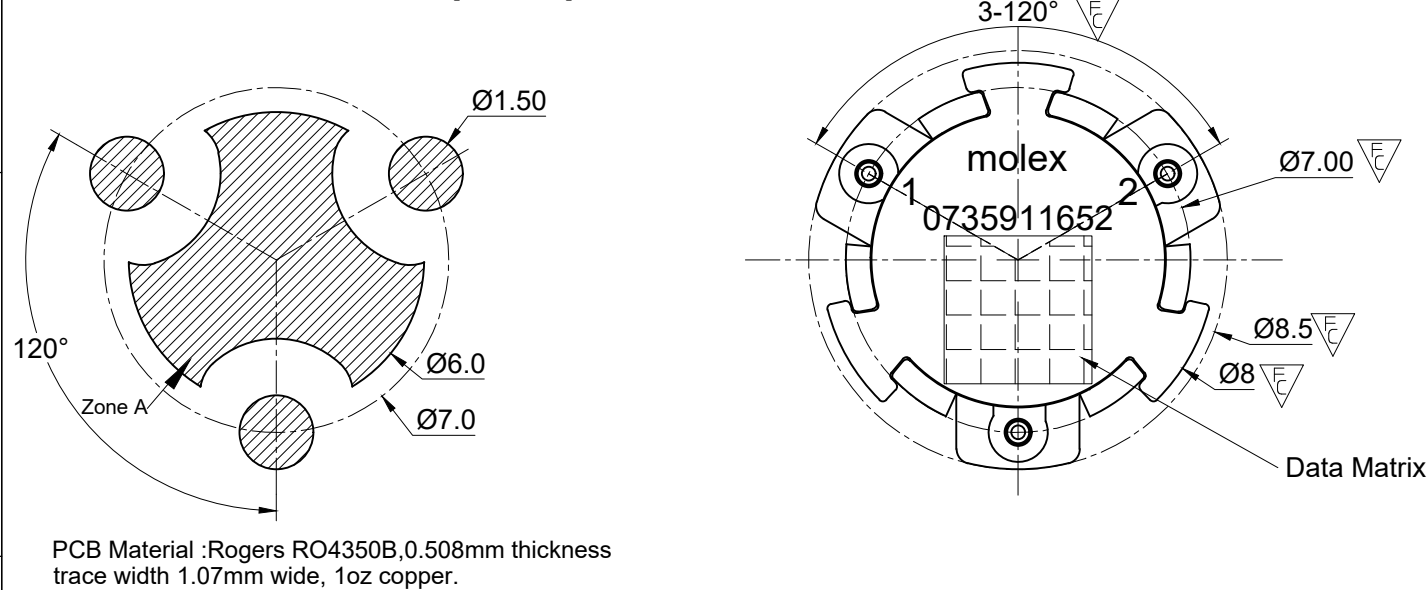


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity
of intermediate layers between Zone A and heat sink must
be better than 0.1 W / [°C x mm].



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	: 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#: 802-440-450-YS130

FUNCTIONAL SYMBOLS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				CURRENT REV DESC: INITIAL RELEASE				molex			
DIVISIONAL SYMBOLS				GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: ----				SMSJ CIRCULATOR/4400~4500MHZ/CW			
4 PLACES				mm INCH				DRWN: SREN05 2020/12/14				RESTRICTED PRODUCT CUSTOMER DRAWING			
3 PLACES				±0.005 ±----				CHK'D: ----				DOCUMENT NUMBER			
2 PLACES				±0.025 ±----				APPR: ----				735911652			
1 PLACE				±0.13 ±----				INITIAL REVISION:				DOC TYPE DOC PART REVISION			
0 PLACES				±0.25 ±----				DRWN: SREN05 2020/12/14				PSD 000 1			
ANGULAR TOL ± 1.5 °				±0.4 ±----				APPR: ----				MATERIAL NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DRAWING				CUSTOMER			
A3-SIZE				SERIES				73591				SHEET NUMBER			
1 OF 1				CUSTOM PART				1 OF 1							