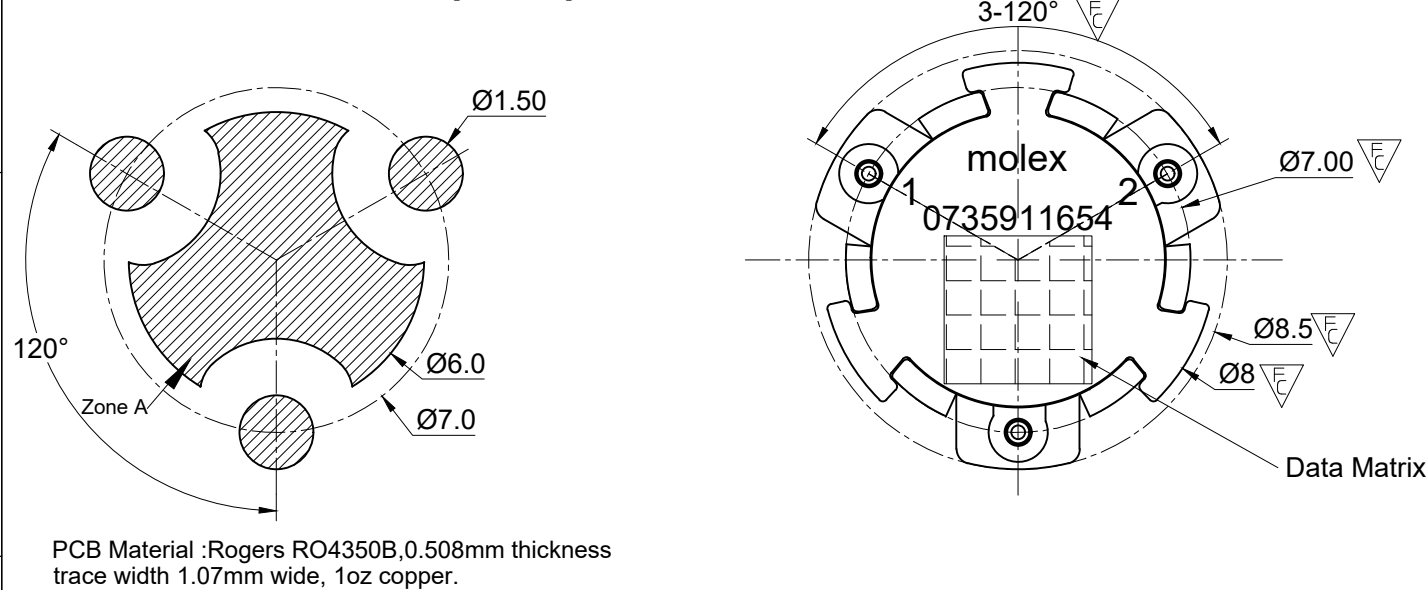


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity
of intermediate layers between Zone A and heat sink must
be better than 0.1 W / [°C x mm].



ELECTRICAL SPECIFICATIONS

Frequency Range	: 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	: 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#: 802-480-500-YS130

FUNCTIONAL SYMBOLS

FA=0

FE=0

FP=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

MM

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.005	±----
3 PLACES	±0.025	±----
2 PLACES	±0.13	±----
1 PLACE	±0.25	±----
0 PLACES	±0.4	±----
ANGULAR TOL	± 1.5 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC:

INITIAL RELEASE

EC NO: ----

DRWN: SREN05 2020/12/14

CHK'D: ----

APPR: ----

INITIAL REVISION:

DRWN: SREN05 2020/12/14

APPR: ----

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

SMSJ CIRCULATOR/4800~5000MHZ/CW

RESTRICTED PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

735911654

DOC TYPE

PSD

DOC PART

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REVISION

1

CUSTOM PART

1 OF 1

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