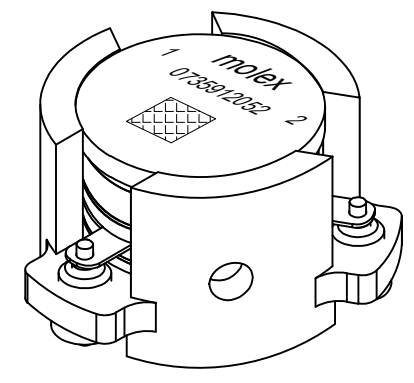
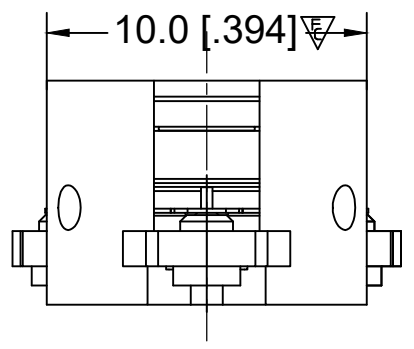
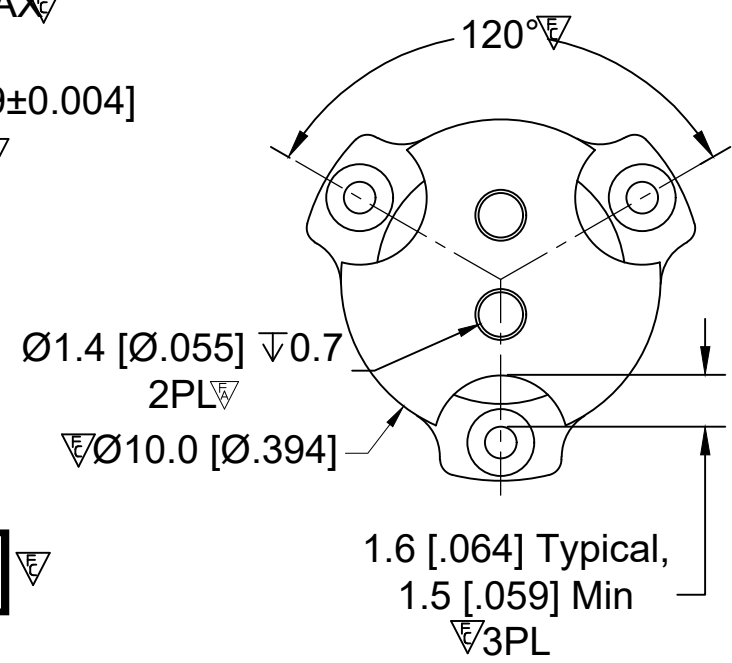
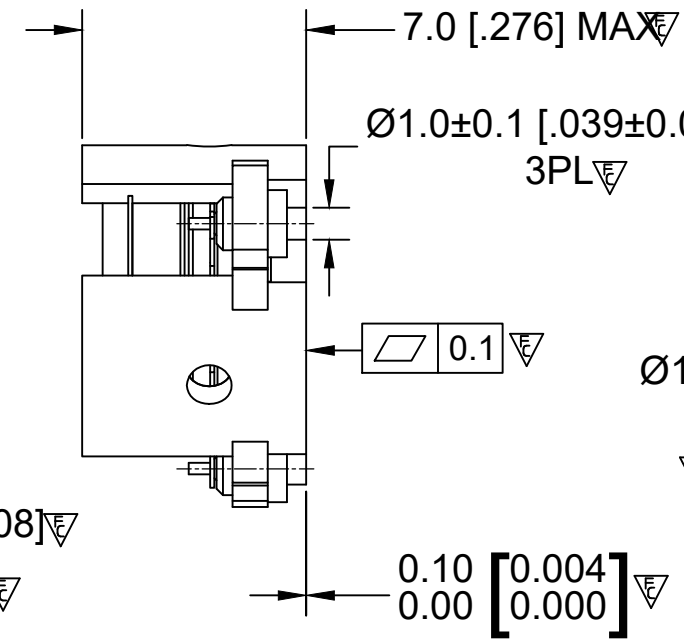
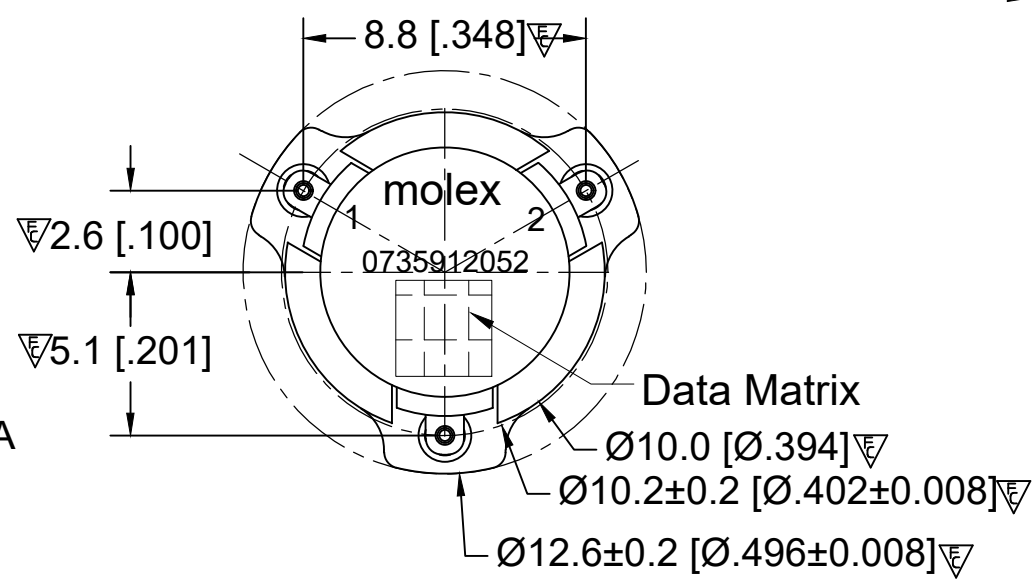
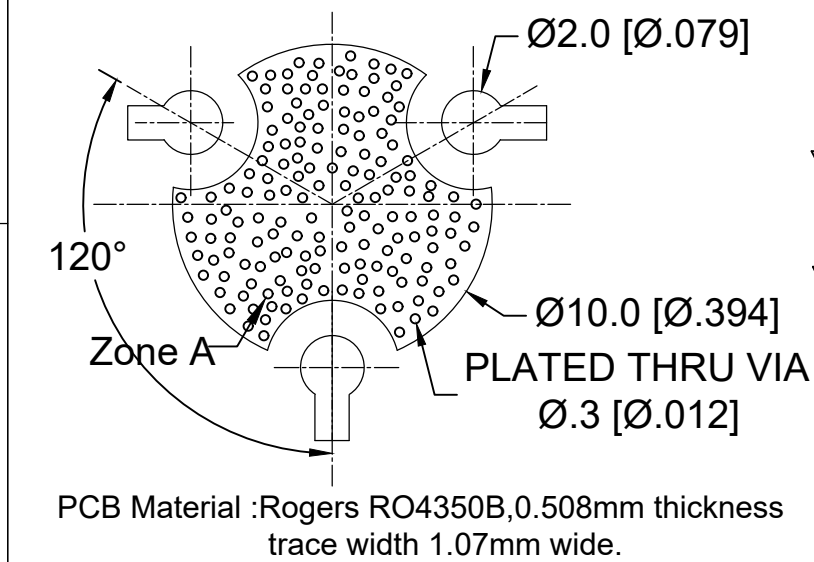


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



ELECTRICAL SPECIFICATIONS :

Frequency Range : 4500~5000 MHz
Insertion Loss : 0.25 dB@25°C ,0.28dB Max
Isolation : 21 dB Min
Return Loss : 21 dB Min
Average Power : 20 W (CW)
Peak Power : 160 W
2nd Harmonic : 10 dB min
3rd Harmonic : 5 dB min
FMD(2 x 5 W, 1 MHz space) : -60 dBc Max
Operating Temperature : -40°C to +105°C
+105°C to +130°C : power capacity and reliability no change ,
Insertion loss reduce 20%, other spec.reduce 10%,
No reliability risk for long period work.
Storage Temperature : -65°C to +155°C
Direction : CW

BODY: CARBON STEEL, SILVER PLATED
RIGID PINS: COPPER, SILVER PLATED
NOTES:
1.STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm
2.LEAD FREE, NO Nd MATERIAL, BeO FREE
3.THE DIMENSION OF DATE MATRIX IS 3X3MM INFORMATION INCLUDING
WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PART#:802-450-500-VP040

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: CHANGE ECTR RESTRICTED ***			molex				
			1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 702316 DRWN: SREN05 2022/04/20 CHK'D: WWANG99 2022/04/21 APPR: HWANG186 2022/04/22			SMSJ CIRCULATOR/4500~5000MHZ/CW				
	mm		INCH									
	4 PLACES		±0.005	±----	PRODUCT CUSTOMER DRAWING							
	3 PLACES		±0.025	±----								
	2 PLACES		±0.13	±----								
	1 PLACE		±0.2	±----								
	DIVISIONAL SYMBOLS	0 PLACES		±0.4	±----	INITIAL REVISION: DRWN: SREN05 2021/11/15 APPR: HWANG186 2022/03/01			DOCUMENT NUMBER		DOC TYPE	DOC PART
ANGULAR TOL		± 1.5 °	735912052		PSD				000	A1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
						A3-SIZE	73591	0735912052	GENERAL MARKET		1 OF 1	