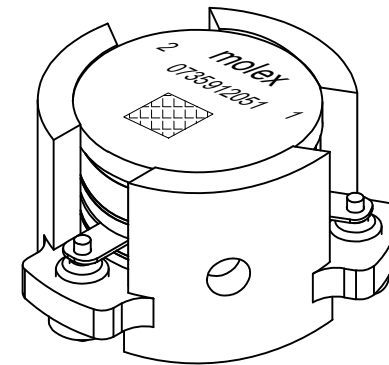
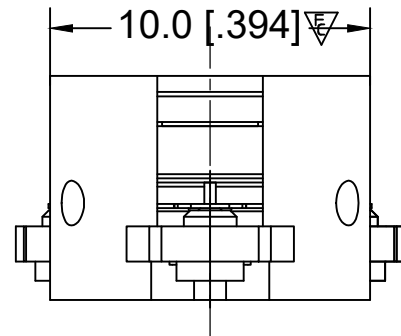
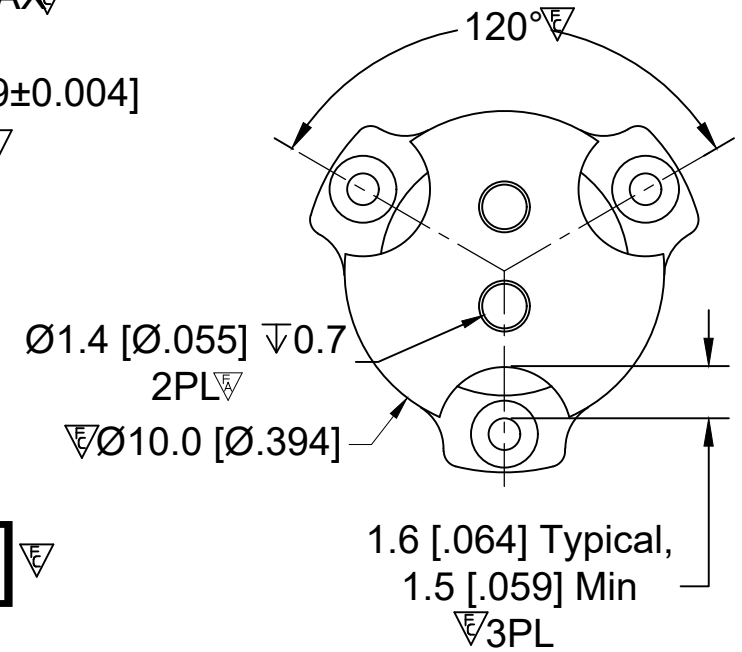
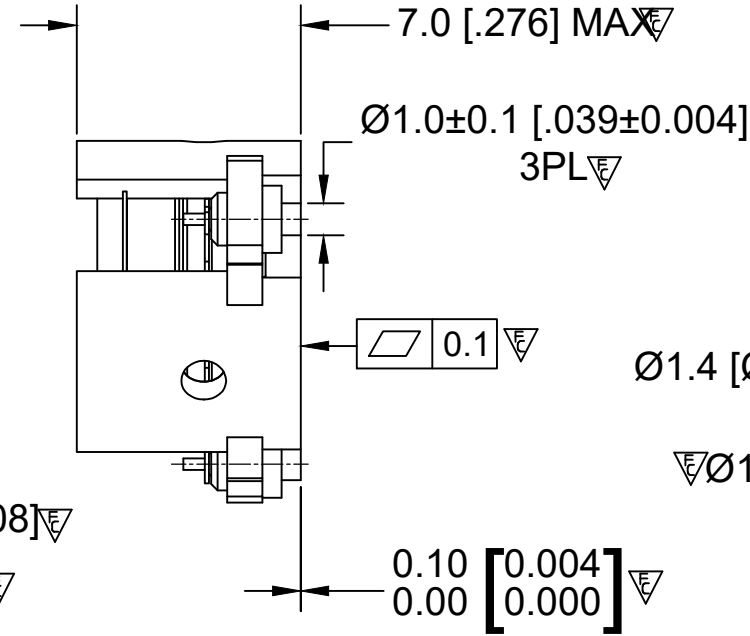
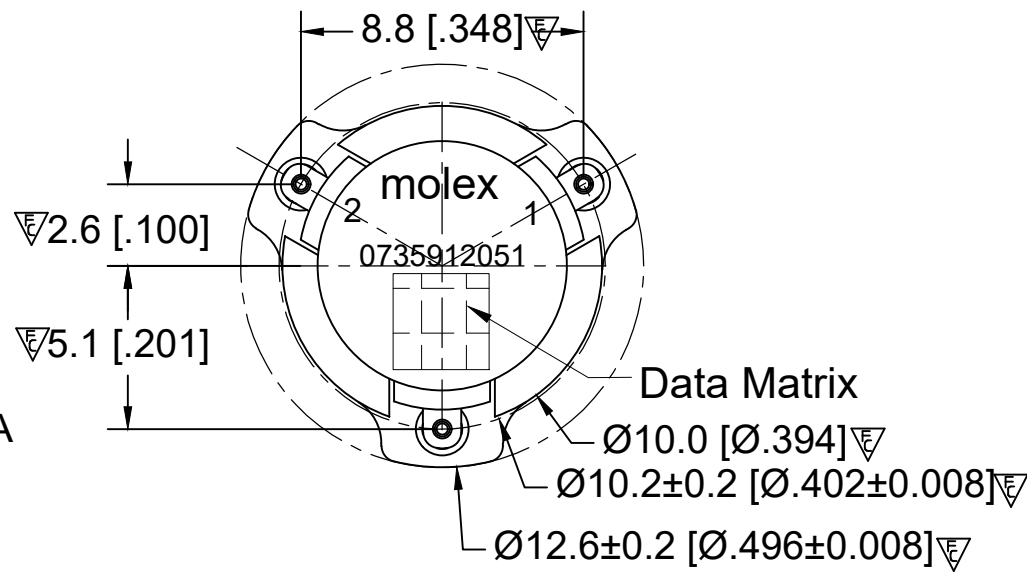
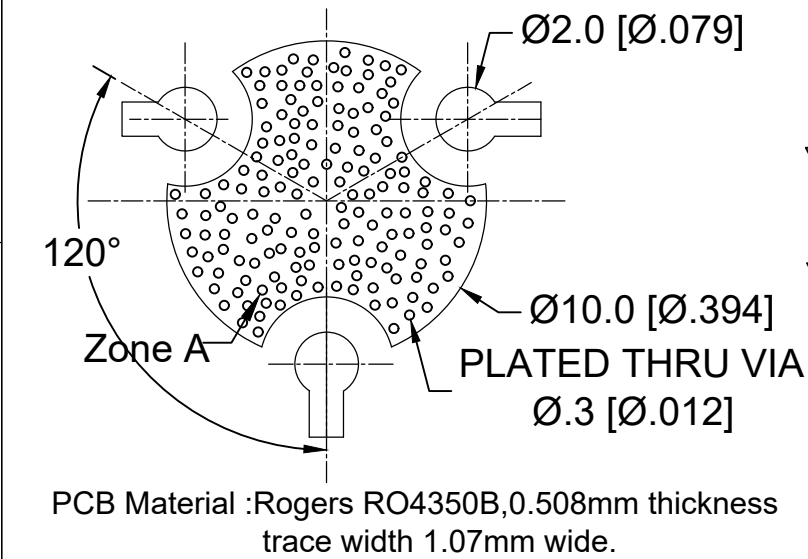


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



ELECTRICAL SPECIFICATIONS :

Frequency Range : 2300~2400 MHz
Insertion Loss : 0.25 dB@25°C ,0.30dB Max
Isolation : 20 dB Min
Return Loss : 22.12 dB min(VSWR: 1:1.17)
Average Power : 20 W (CW)
Peak Power : 160 W
2nd Harmonic : 10 dB min
3rd Harmonic : 5 dB min
FMD(2x5 W,1MHz space): -60 dBc Max
Operating Temperature : -40°C to +110°C
+110°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 : -55°C to +150°C
Direction : CCW

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#:812-230-240-VP040

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FA=0 FE=0 FP=0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex						
	MM		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				RELEASE TO PROD		SMSJ CIRCULATOR/2300~2400MHZ/CCW						
		mm	INCH										
	4 PLACES	±0.005	±----	EC NO: 696580	2022/02/21	RESTRICTED PRODUCT CUSTOMER DRAWING							
	3 PLACES	±0.025	±----	DRWN: SREN05	2022/02/23								
	2 PLACES	±0.13	±----	CHK'D: JLI252	2022/03/01	DOCUMENT NUMBER 735912051							
	1 PLACE	±0.2	±----	APPR: HWANG186						DOC TYPE		DOC PART	REVISION
	0 PLACES	±0.4	±----	INITIAL REVISION:	2021/11/15					PSD		000	A
ANGULAR TOL ± 1.5 °				APPR: HWANG186	2022/03/01								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
					A3-SIZE	73591	0735912051	CUSTOM PART	1 OF 1				

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/01	06:07:11
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