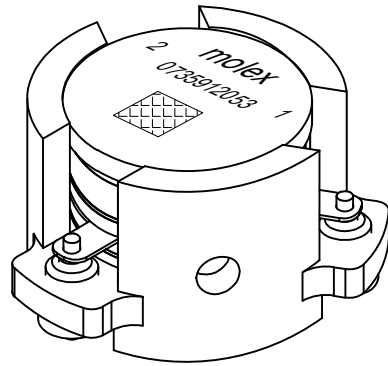
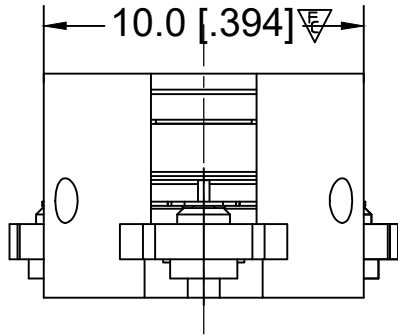
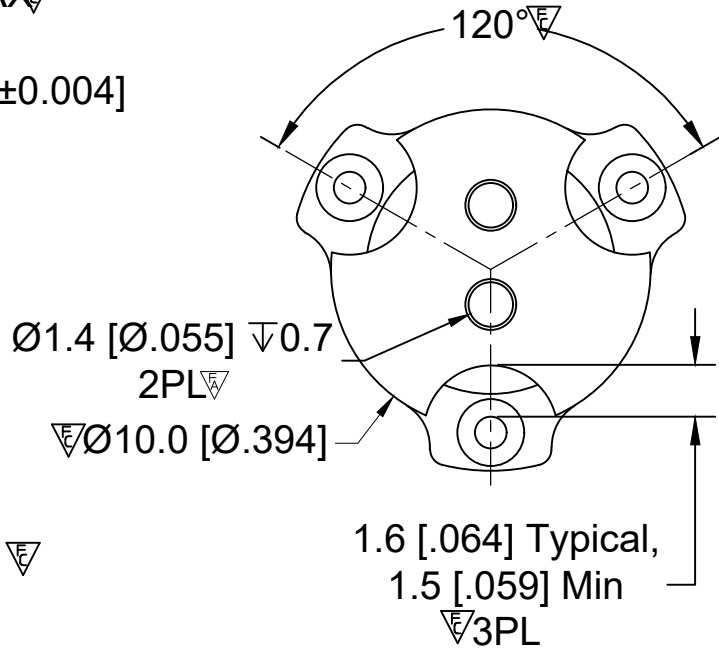
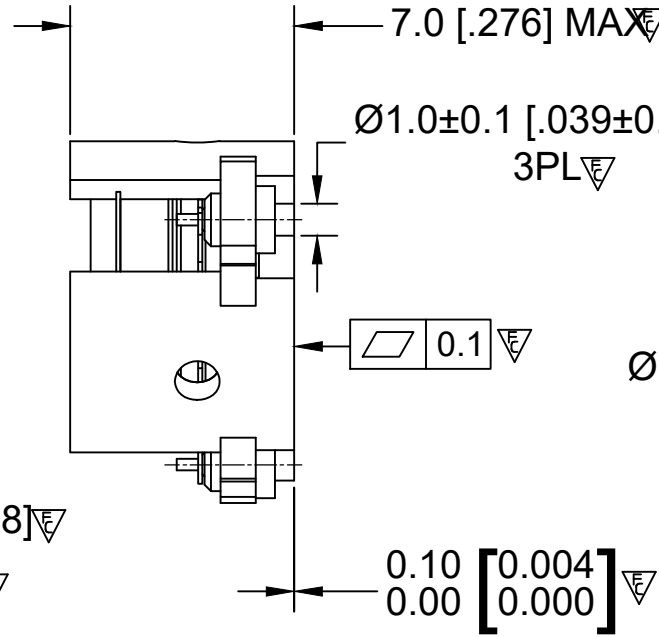
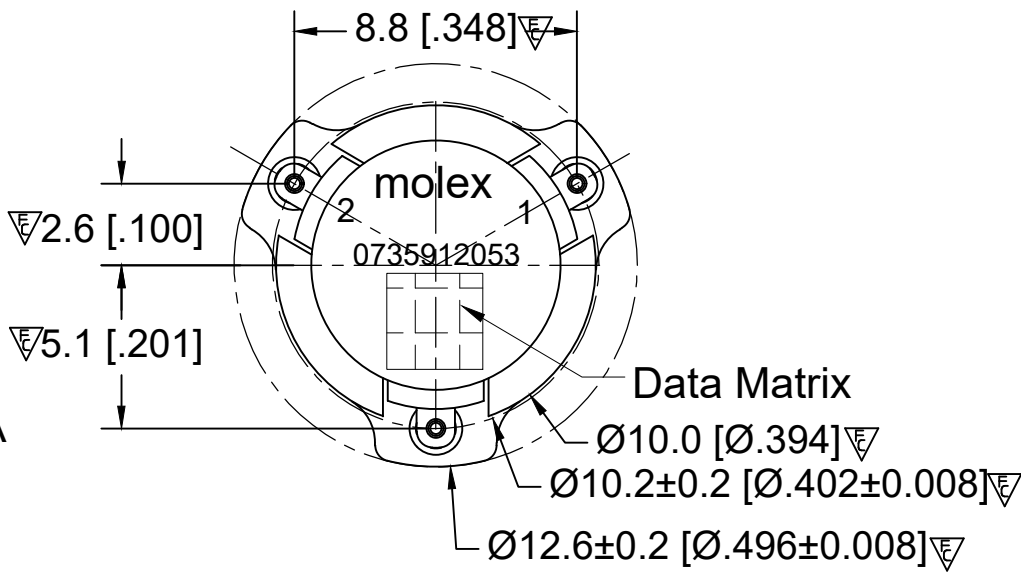
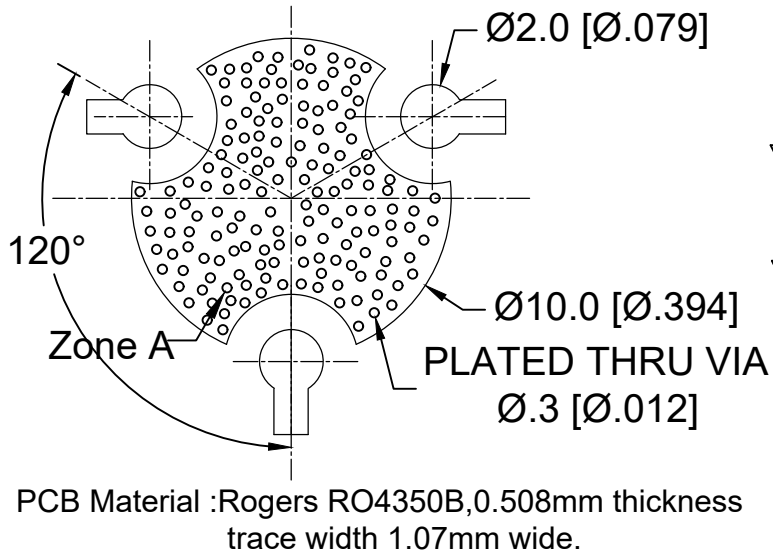


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



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 : 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#:812-450-500-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:			molex				
FA=0	MM		1:1									
FE=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				RELEASE TO PROD			SMSJ CIRCULATOR/4500~5000MHZ/CCW				
FP=0		mm	INCH									
DIVISIONAL SYMBOLS	4 PLACES		±0.005		±----		EC NO: 696580		RESTRICTED PRODUCT CUSTOMER DRAWING			
	3 PLACES		±0.025		±----		DRWN: SREN05 2022/02/21					
	2 PLACES		±0.13		±----		CHK'D: JLI252 2022/02/23					
	1 PLACE		±0.2		±----		APPR: HWANG186 2022/03/01					
	0 PLACES		±0.4		±----		INITIAL REVISION:					
	ANGULAR TOL ± 1.5 °		DRWN: SREN05		2021/11/15		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
			APPR: HWANG186		2022/03/01		735912053		PSD	000	A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						A3-SIZE		73591		0735912053	CUSTOM PART	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/01	06:07:13
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