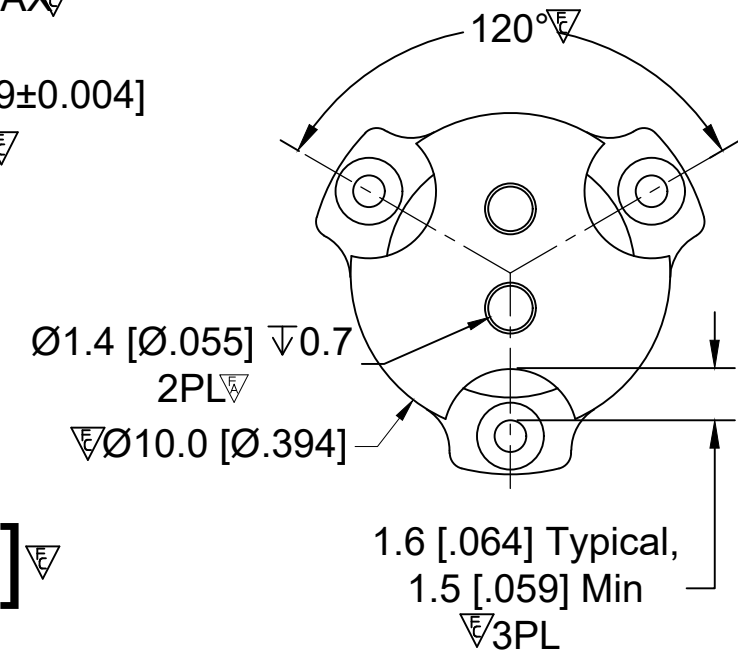
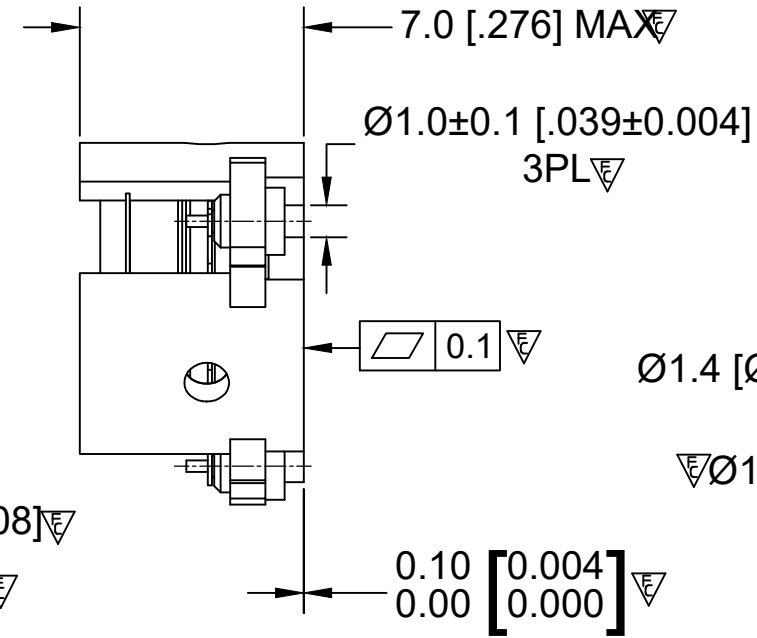
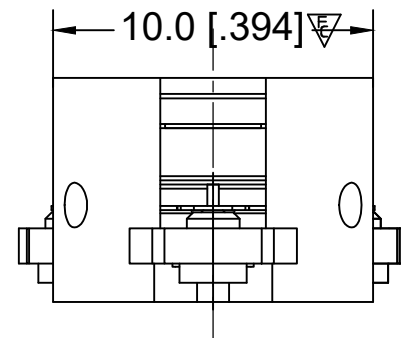
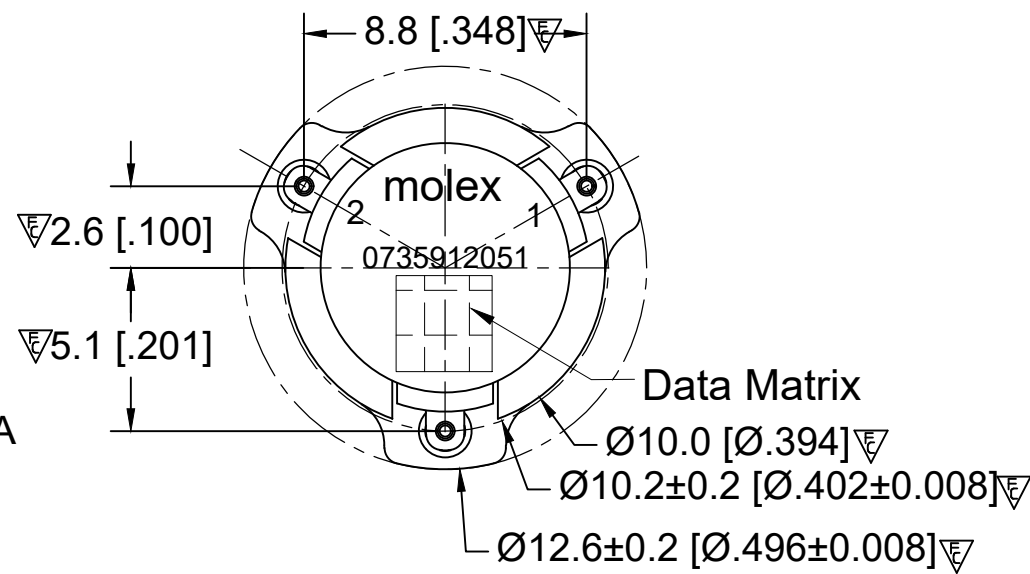
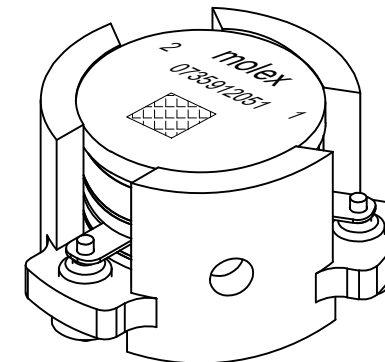


Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than $0.1 \text{ W} / [^{\circ}\text{C} \times \text{mm}]$.



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

4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS



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: RELEASE TO PROD			molex								
	MM		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 696580 2022/02/21			SMSJ CIRCULATOR/2300~2400MHZ/CCW								
		mm	INCH													
	4 PLACES ±0.005 ±----				DRWN: SREN05 2022/02/23			RESTRICTED PRODUCT CUSTOMER DRAWING								
	3 PLACES ±0.025 ±----															
	2 PLACES ±0.13 ±----				APPR: HWANG186 2022/03/01			DOCUMENT NUMBER 735912051			DOC TYPE PSD		DOC PART 000		REVISION A	
	1 PLACE ±0.2 ±----															
	0 PLACES ±0.4 ±----				INITIAL REVISION: DRWN: SREN05 2022/03/01			MATERIAL NUMBER 0735912051		CUSTOMER CUSTOM PART		SHEET NUMBER 1 OF 1				
ANGULAR TOL ± 1.5 °																
DIVISIONAL SYMBOLS	DRAFT THAT APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 73591							