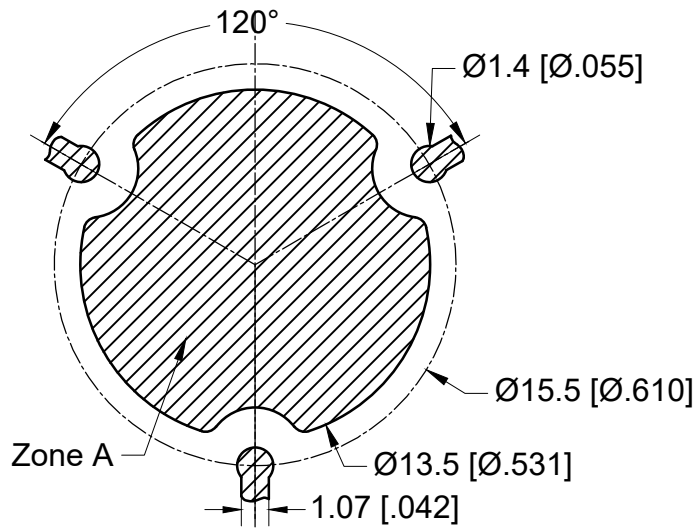
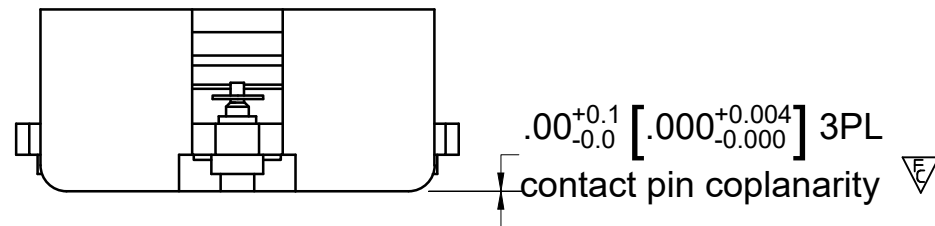
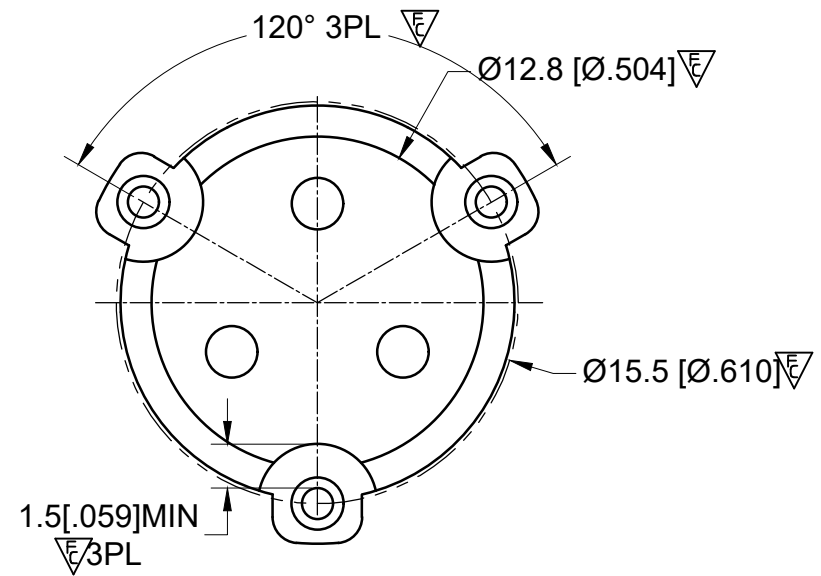
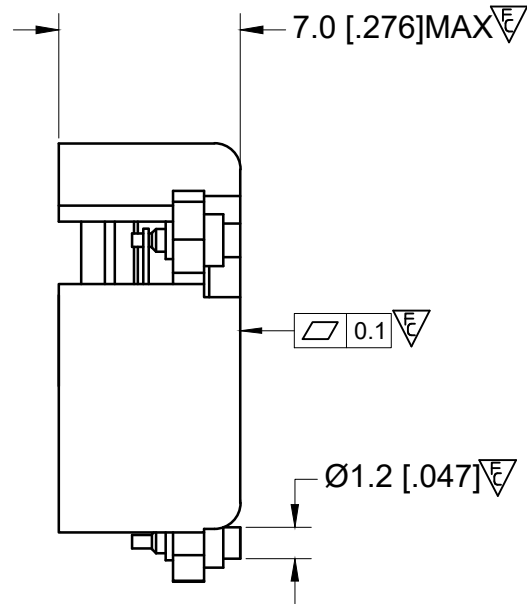
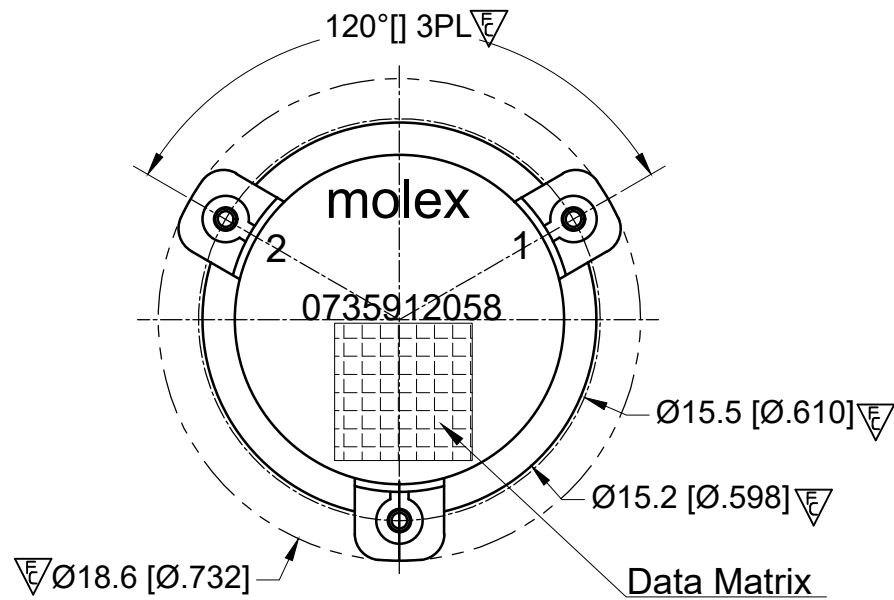


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



PCB Material :Rogers RO4350B,0.508mm thickness
trace width 1.07mm wide.



ELECTRICAL SPECIFICATIONS :

Frequency Range : 2300~2400MHz

Isolation : 20 dB min

Return Loss : 23 dB min

Insertion Loss : 0.25 dB max

Attenuation (2 x TX) : 20 dB min

(3 x TX) : 7 dB min

(N x TX) : 5 dB min

Input Power(within freq.range) :100 W max

Input Power peak(within freq.range) :1000 W max

Reflected Power :100W max

IM3(50W x 2 tones 5M spacing) : -65 dBc max

Harmonics (2 x TX @ 100W CW) : 60 dBc min

(3 x TX @ 100W CW) : 60 dBc min

Operating temperature range : -40 to +115°C

Storage temperature range : -40 to +125°C

Direction : CCW

MATERIAL :

BODY : STEEL, SILVER PLATED

PIN : COPPER , SILVER PLATED

NOTES :

1.STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm

2.LEAD FREE, NO Nd MATERIAL, BeO FREE

3.THE DIMENSION OF DATA MATRIX IS 5.3X5.3MM INFORMATION INCLUDING
WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER

4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PART#: 812-230-240-WP040

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							
FA=0	MM		1:1												
FE=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 696580 DRWN: SREN05 2022/02/21			SMSJ CIRCULATOR/2300~2400MHZ/CCW							
FP=0		mm	INCH								2022/02/23				
DIVISIONAL SYMBOLS	4 PLACES	±0.025	±----		CHK'D: JLI252			RESTRICTED PRODUCT CUSTOMER DRAWING							
	3 PLACES	±0.05	±----		2022/03/01										
	2 PLACES	±0.13	±----		INITIAL REVISION:										
	1 PLACE	±0.25	±----												
	0 PLACES	±0.4	±----		DRWN: SREN05 2021/11/12										
	ANGULAR TOL ± 1.5 °				APPR: HWANG186 2022/03/01										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 73591		MATERIAL NUMBER 0735912058		CUSTOMER CUSTOM PART		SHEET NUMBER 1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/01	06:07:18
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