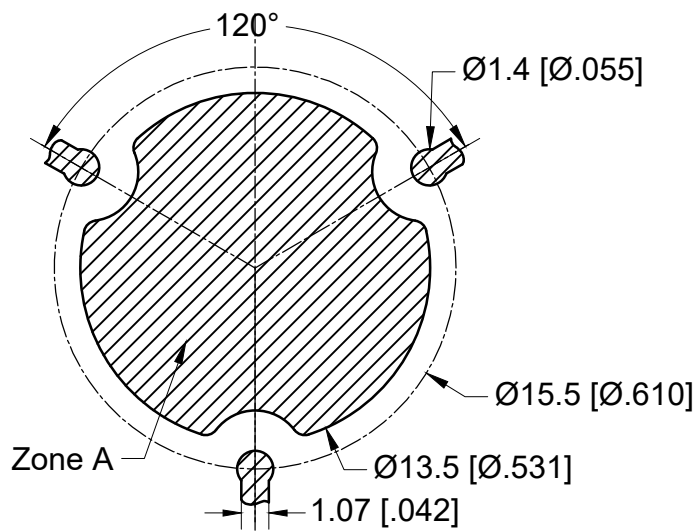
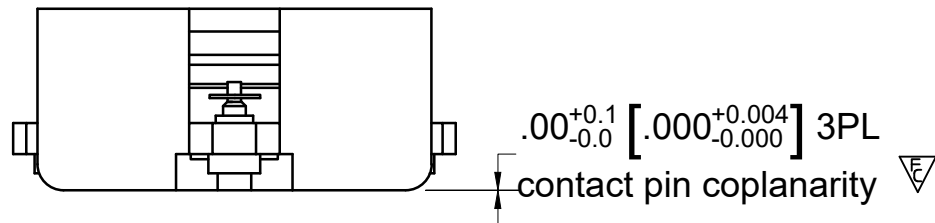
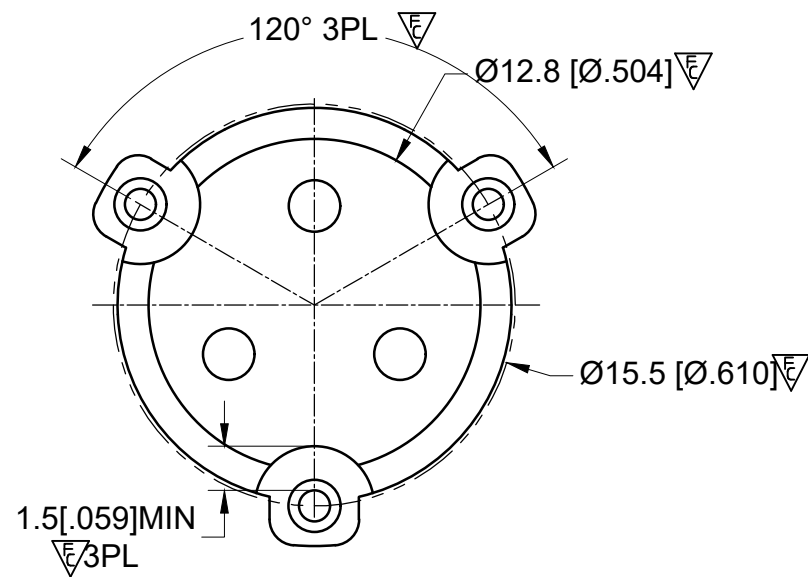
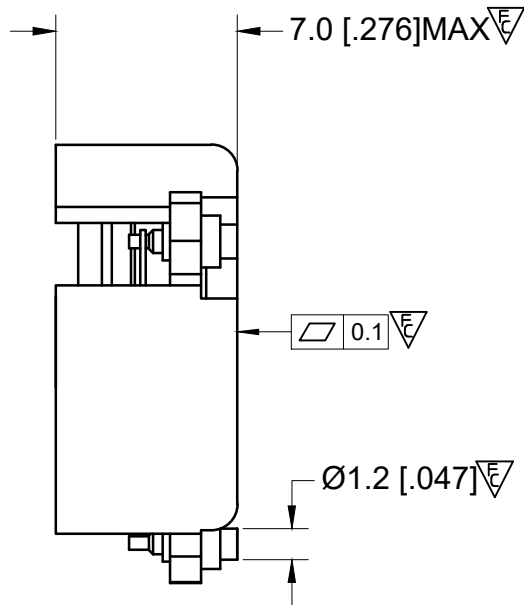
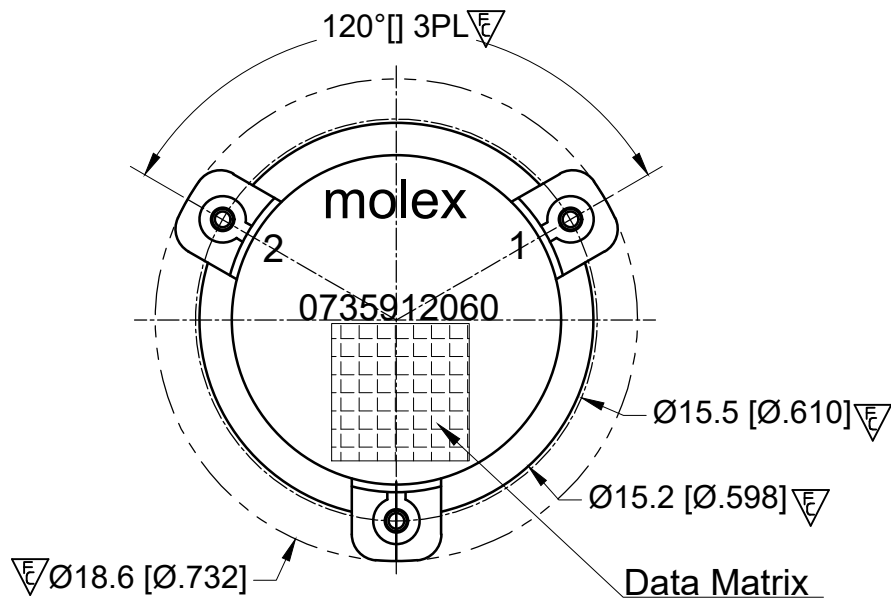


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



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



ELECTRICAL SPECIFICATIONS :

Frequency Range : 2496~2690MHz
Isolation : 22 dB min
Return Loss : 22 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
Average FE/REV Power :100 W(CW) max
Peak Power : 1000 W max
IM3(30W x 2 tones 5M) : -69 dBc max
Harmonics (2 x TX @ 60W CW) : 60 dBc min
(3 x TX @ 60W CW) : 60 dBc min
Operating temperature range : -40 to +105°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#: 812-249-269-WP040

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: RELEASE TO PROD		molex		
	DIMENSION UNITS	SCALE					
DIVISIONAL SYMBOLS	MM	1:1	EC NO: 696580 DRWN: SREN05 CHK'D: JLI252 APPR: HWANG186		SMSJ CIRCULATOR/2496~2690MHZ/CCW		
	GENERAL TOLERANCES (UNLESS SPECIFIED)						
DIVISIONAL SYMBOLS	mm	INCH	INITIAL REVISION: DRWN: SREN05 APPR: HWANG186		RESTRICTED PRODUCT CUSTOMER DRAWING		
	4 PLACES	± 0.025					
DIVISIONAL SYMBOLS	3 PLACES	± 0.05	2022/02/21 2022/02/23 2022/03/01		DOCUMENT NUMBER 735912060		
	2 PLACES	± 0.13					
DIVISIONAL SYMBOLS	1 PLACE	± 0.25	2021/11/12 2022/03/01		DOC TYPE DOC PART REVISION PSD 000 A		
	0 PLACES	± 0.4					
DIVISIONAL SYMBOLS	ANGULAR TOL	± 1.5 °	THIRD ANGLE PROJECTION 		MATERIAL NUMBER 0735912060		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
DIVISIONAL SYMBOLS	DRAWING	SERIES	CUSTOMER CUSTOM PART		SHEET NUMBER 1 OF 1		
	A3-SIZE	73591					

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/01	06:07:20
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