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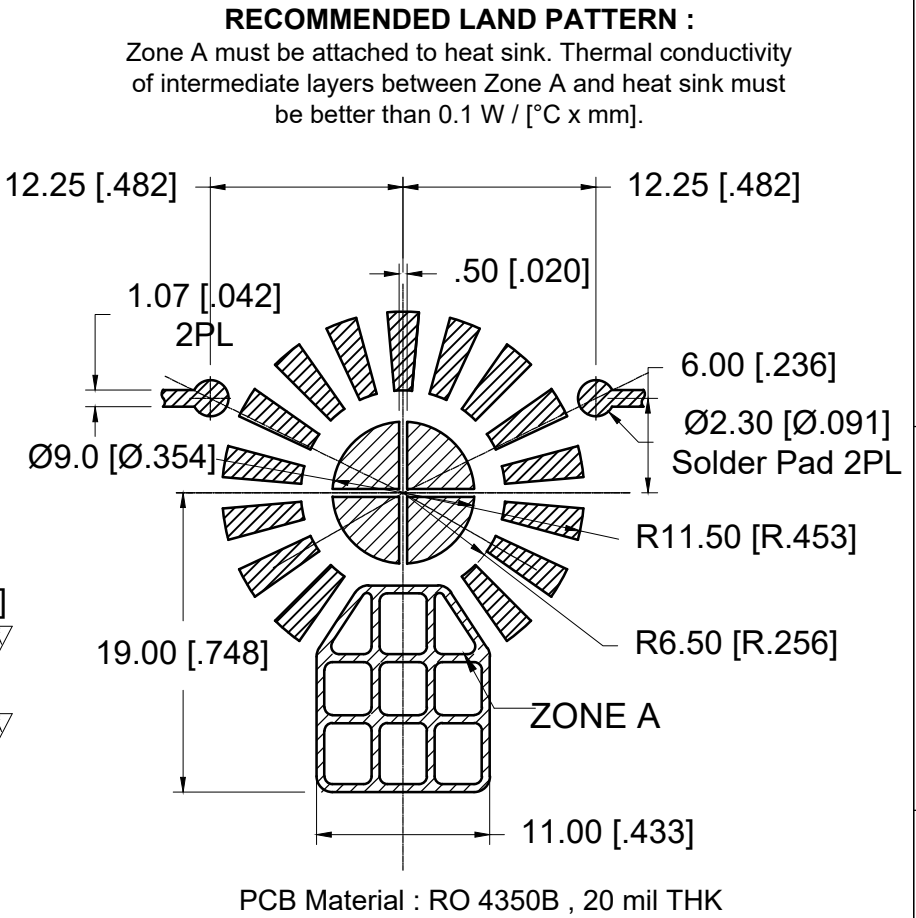
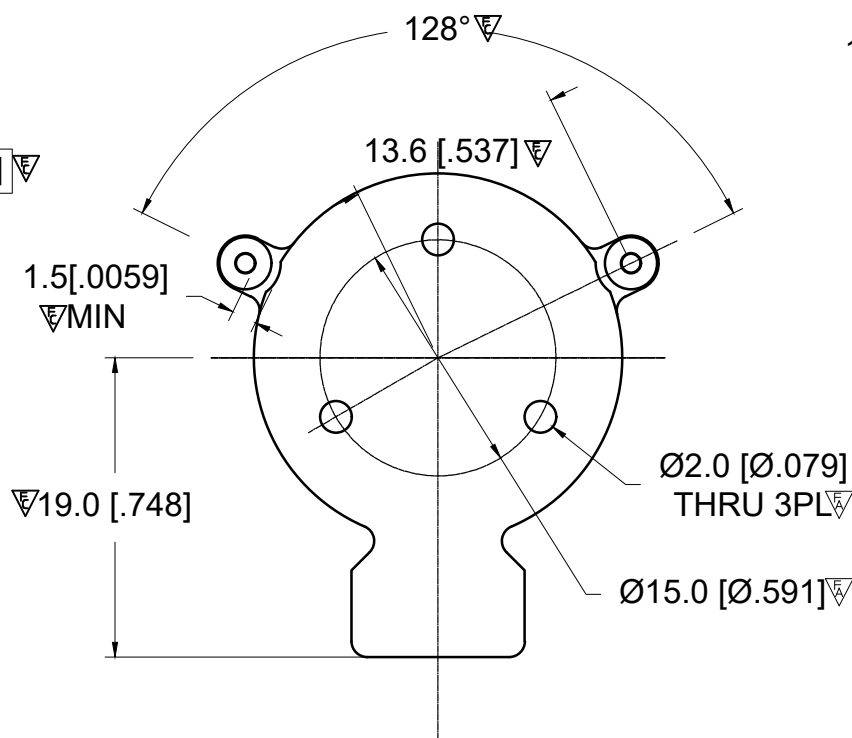
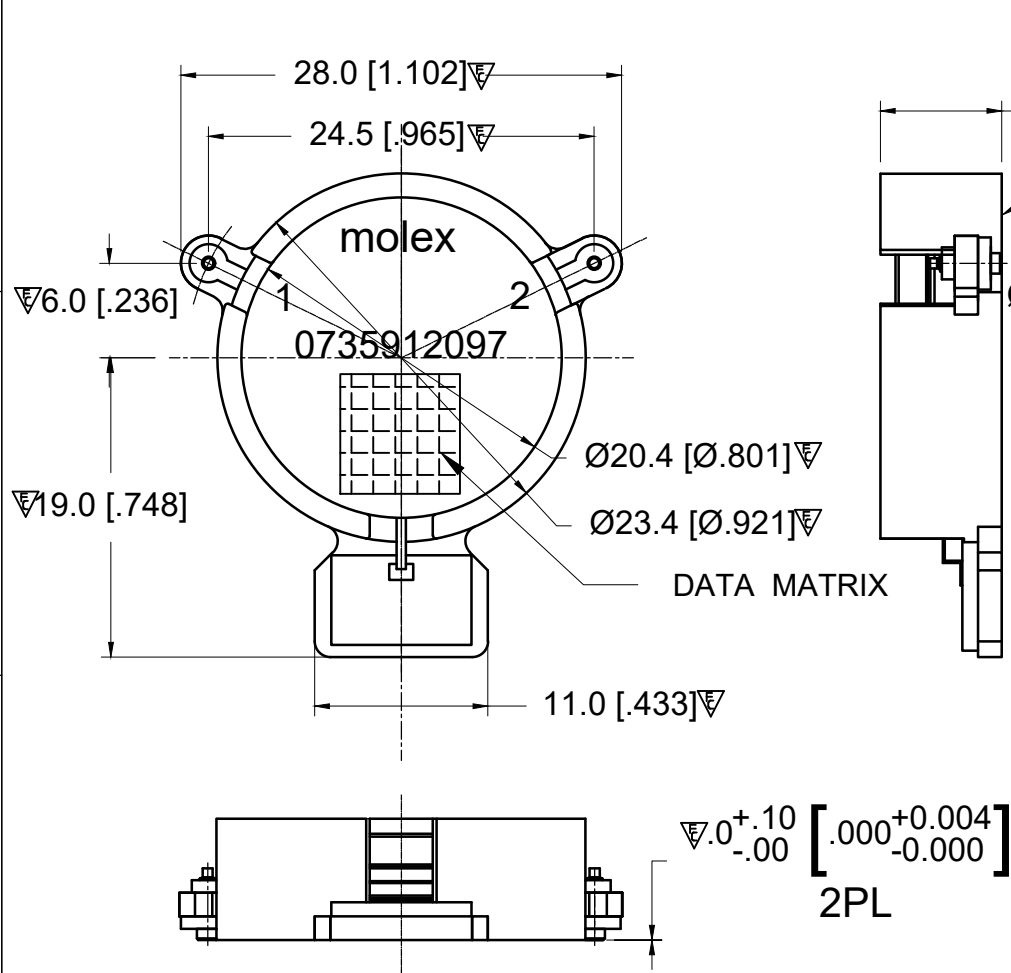
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ELECTRICAL SPECIFICATIONS :

Frequency range : 791 to 821 MHz

Input power : 130 W

Input power , peak: 1300 W

Reflected power : 80 W

Isolation (within frequency range, port 2 to 1) : 22 dB Min

Return loss (Measured at port 1 and port 2) : 23 dB Min (0°C-115°C)

(Measured at port 1 and port 2) : 20 dB Min (-40°C-0°C)

Insertion loss (within frequency range, port 1 to 2) : 0.25 dB Max

Intermodulation distortion, IM3(2 x 50 W) : -65 dBc Max

IM5(2 x 50 W) : -79 dBc Max

Harmonics: 2 x f(100W CW) : 0dBm Max

3-4 x f(100W CW) :-10 dBm Max

5 x f(100W CW) :-35dBm Max

6-7 x f(100W CW) :-25 dBm Max

Operating temperature range: -40°C to +115°C

Storage temperature range : -40°C to +115°C

Direction: CW

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 7.6X7.6MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER

4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PN#: 801-079-082-WB040

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: CHANGE ECTR RESTRICTED ***			molex								
≡=0	MM		1:1													
≡=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 702316			SMSJ ISOLATOR/791~821MHZ/CW								
≡=0		mm	INCH													
DIVISIONAL SYMBOLS	4 PLACES	±0.005	±----		DRWN: SREN05			2022/04/20								
	3 PLACES	±0.025	±----		CHK'D: WWANG99			2022/04/21								
	2 PLACES	±0.13	±----		APPR: HWANG186			2022/04/22								
	1 PLACE	±0.25	±----		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING								
	0 PLACES	±0.4	±----		DRWN: SREN05						2021/12/08					
	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		0735912097		GENERAL MARKET		1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/22	07:33:40
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