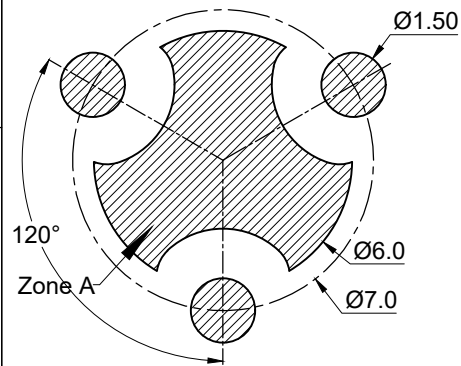
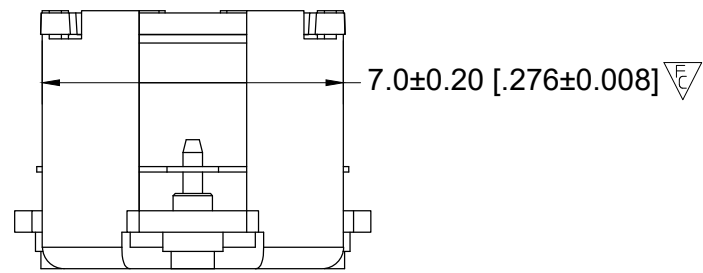
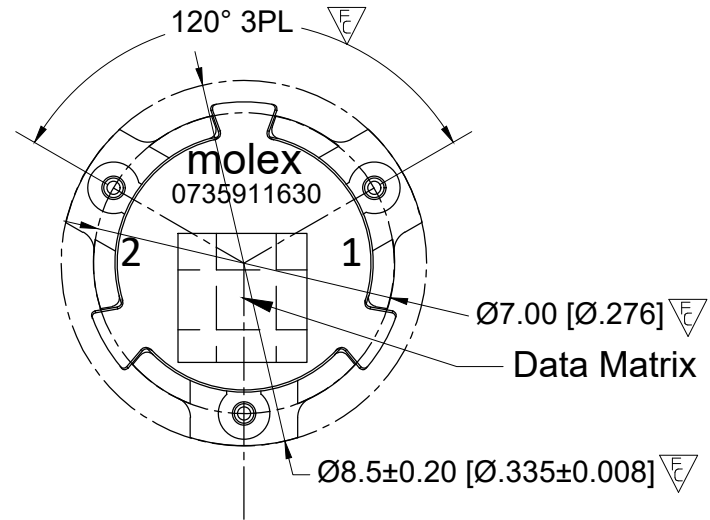


RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity
of intermediate layers between Zone A and heat sink must
be better than 0.1 W / [°C x mm].

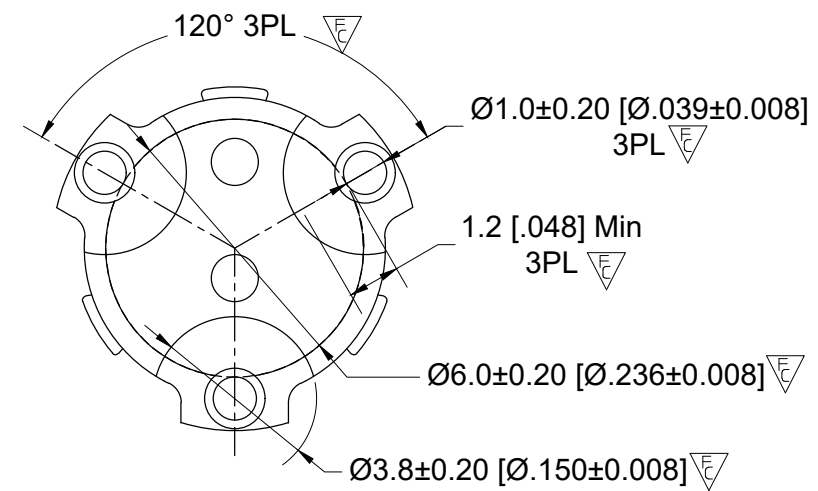
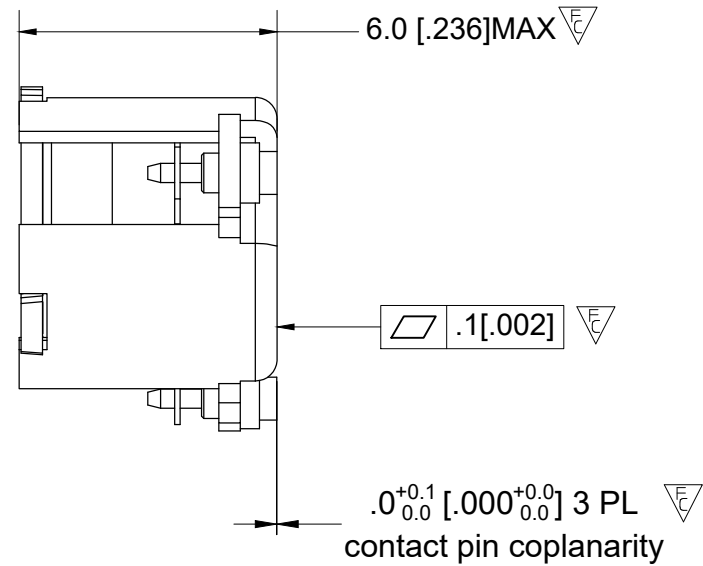


PCB Material :Rogers RO4350B,0.508mm thickness
trace width 1.07mm wide, 1oz copper.



ELECTRICAL SPECIFICATION :

Frequency Range	: 2496 to 2690 MHz
Input Power(Within freq. range)	: 20W
Input Power, peak (Within freq. range)	: 100W
Reflected Power	: 20W
Isolation (Inband)	: 20 dB Min
Return Loss (all ports)	: -18dB Max
Insertion Loss (Inband)	: -0.45dB Max
IM3(5W x 2 tones)	: -60 dBc
Operating temp. range	: -40 °C - +105° C
Storage temp. range	: -40 °C - +105° C
Direction	: CCW



NOTES:

- 1.STANDARD INPUT/OUTPUT IMPEDANCE 50 OHM
- 2.LEAD FREE, NO ND MATERIAL, BEO FREE
- 3.THE DIMENSION OF DATA MATRIX IS 3*3MM INFORMATION INCLUDING
WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
- 4.THIS PART COMPLIES WITH ALL ROHS REQUIREMENTS



ENG PART#: 812-249-269-YS017

DOCUMENT STATUS	CK	RELEASE DATE	2020/12/08	02:20:38
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FORMAT: ACAD-Itb-prod-A3
REVISION: A1
DATE: 2019/06/12

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: INITIAL RELEASE				molex							
	MM		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: ---- DRWN: SREN05 CHK'D: ---- APPR: ---- 2020/12/08				SMSJ CIRCULATOR/2496~2690 MHZ/CCW							
		mm	INCH													
	4 PLACES ±0.005		±----		2020/12/08				RESTRICTED PRODUCT CUSTOMER DRAWING							
	3 PLACES ±0.025		±----													
	2 PLACES ±0.13		±----		2020/12/08				DOCUMENT NUMBER 735911630 DOC TYPE PSD DOC PART 000 REVISION 1							
	1 PLACE ±0.25		±----													
	0 PLACES ±0.4		±----		2020/12/08				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
	ANGULAR TOL ± 1.5 °															
DIVISIONAL SYMBOLS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A3-SIZE		73591		0735911630		CUSTOM PART		1 OF 1	