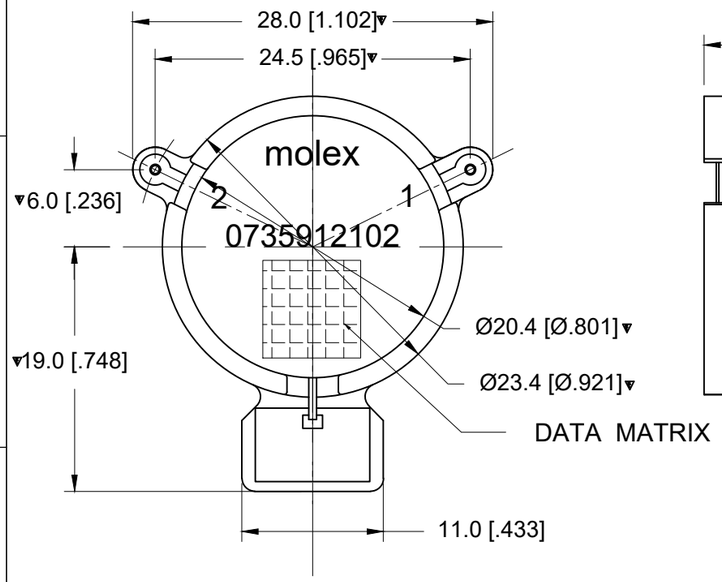
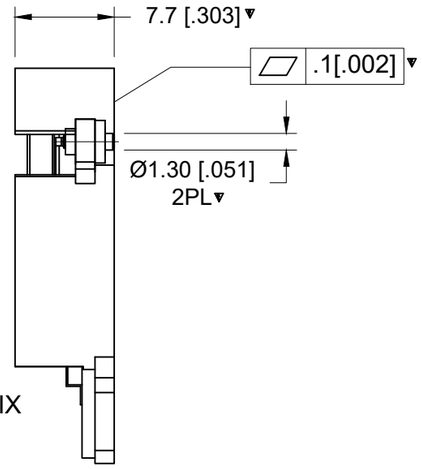
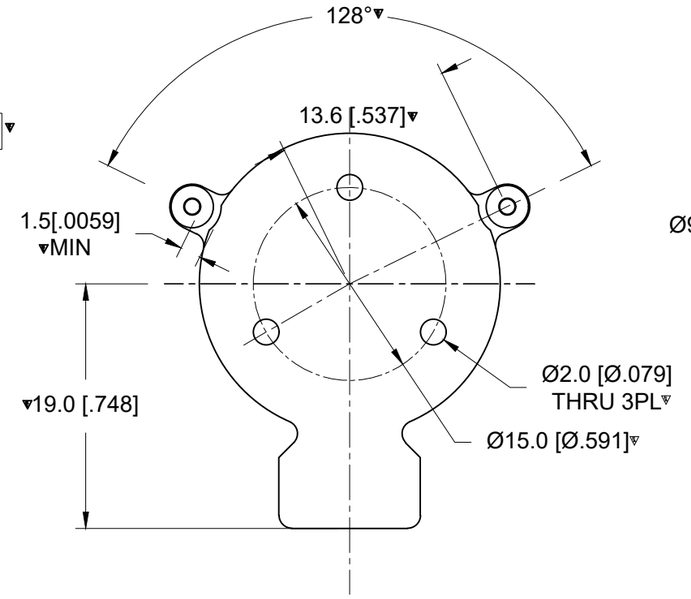
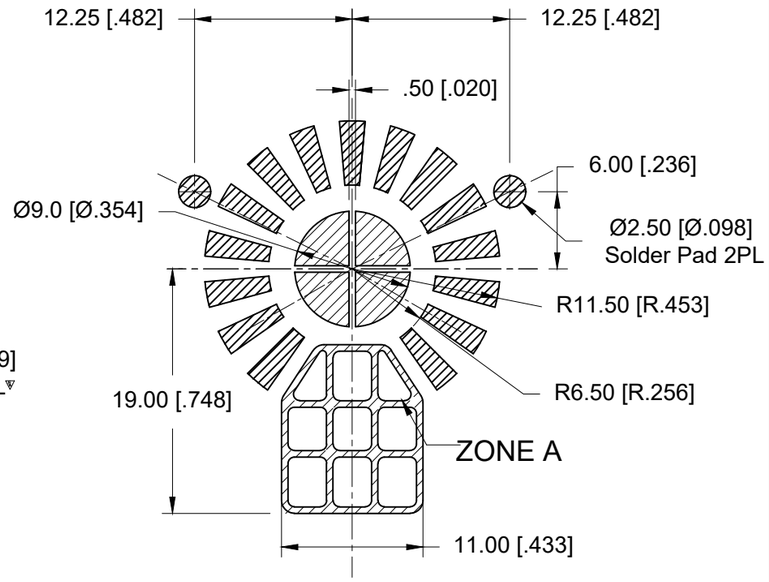


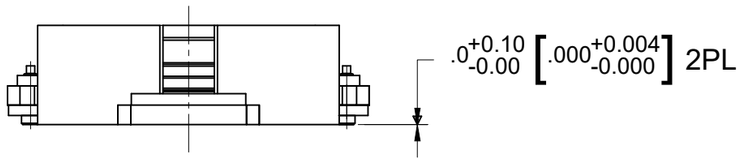




RECOMMENDED LAND PATTERN :
Zone A must be attached to heat sink. Thermal conductivity of intermediate layers between Zone A and heat sink must be better than 0.1 W / [°C x mm].



PCB Material : RO 4350B , 20 mil THK



ELECTRICAL SPECIFICATION :
Frequency range : 925 to 960 MHz
Input power : 130 W
Input power , peak: 2250 W
Reflected power : 80 W
Isolation (within frequency range, port 2 to 1) : 23 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) : 0.20 dB Max
Intermodulation distortion, IM3(2 x 50 W) : -69 dBc Max
IM5(2 x 50 W) : -79 dBc Max
Harmonics: 2 x f (100W CW) : 0 dBm Max
3-4 x f (100W CW) :-10 dBm Max
5 x f (100W CW) :-35 dBm Max
6 x f (100W CW) :-25 dBm Max
Operating temperature range: -40°C to +115°C
Storage temperature range : -40°C to +115°C
Direction: CCW

BODY: STEEL, SILVER PLATED
RIGID PINS: COPPER, SILVER PLATED
NOTES :
1. LEAD FREE, NO ND MATERIAL, BEO FREE
2. ALL PARAMETERS ARE SPECIFIED IN OPERATING TEMP. RANGE
3.THE DIMENSION OF THE DATA MATRIX IS 7.6MM*7.6MM, INFORMATION INCLUDED
WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
4.THIS PART COMPLIES WITH ALL ROHS REQUIREMENTS

ENG PART#: 811-092-096-WB040

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/01 06:07:44

FORMAT: ACAD-tb-prod-A3
REVISION: B
DATE: 2020/01/14

FUNCTIONAL SYMBOLS: EA=0, EC=0, EP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.005	±----
3 PLACES	±0.025	±----
2 PLACES	±0.13	±----
1 PLACE	±0.25	±----
0 PLACES	±0.4	±----
ANGULAR TOL ± 1.5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: RELEASE TO PROD
EC NO: 696580
DRWN: SREN05 2022/02/21
CHK'D: JLI252 2022/02/23
APPR: HWANG186 2022/03/01
INITIAL REVISION:
DRWN: SREN05 2021/12/09
APPR: HWANG186 2022/03/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 73591

molex

SMSJ ISOLATOR/925~960 MHZ/CCW

RESTRICTED PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
735912102	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
0735912102	COSTOM PART	1 OF 1