



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].

ELECTRICAL SPECIFICATION :

Frequency range : 617 to 652 MHz
 Input power : 100 W
 Input power(peak): 1300 W
 Reflected power : 80 W
 Isolation : 20 dB Min
 Return Loss : 20 dB Min
 Insertion Loss : 0.35 dB Max
 Intermodulation distortion, IM3(2 x 40 W) : -65dBc Max
 IM5(2 x 40 W) : -79dBc Max
 Harmonics: 2 x f(80W CW) : 0dBm Max
 3-4 x f (80W CW) : -10dBm Max
 5 x f (80W CW) : -35dBm Max
 6-7 x f (80W CW) : -25dBm Max
 Operating temperature range : -40°C to +125°C
 Storage temperature range : -40°C to +125°C
 Direction : CCW

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#: 811-061-065-WB040

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				
$F_A=0$	MM	1:1	EC NO: 696580		SMSJ ISOLATOR/617-652MHZ/CCW	
$F_V=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05 2022/02/21		RESTRICTED PRODUCT CUSTOMER DRAWING	
$F_P=0$			CHK'D: JLI252 2022/02/23		DOCUMENT NUMBER	
DIVISIONAL SYMBOLS			APPR: HWANG186 2022/03/01		735912092	
			INITIAL REVISION:		DOC TYPE/DOC PART/REVISION	
			DRWN: SREN05 2021/12/09		PSD 000 A	
			APPR: HWANG186 2022/03/01			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER
					A3-SIZE	1 OF 1
					SERIES	
					73591	
					MATERIAL NUMBER	
					0735912092	
					CUSTOMER	
					COSTOM PART	