



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 : 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#: 801-061-065-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					
△FA=0	MM	1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		SMSJ ISOLATOR/617-652MHZ/CW		
△E=0							
DIVISIONAL SYMBOLS			EC NO: 696580 DRWN: SREN05 2022/02/21 CHK'D: JLI252 2022/02/23 APPR: HWANG186 2022/03/01		RESTRICTED PRODUCT CUSTOMER DRAWING		
	△FP=0						
	4 PLACES	±0.005	±----	INITIAL REVISION: DRWN: SREN05 2021/12/08 APPR: HWANG186 2022/03/01		DOCUMENT NUMBER	
	3 PLACES	±0.025	±----			735912091	
	2 PLACES	±0.13	±----	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PSD 000	
	1 PLACE	±0.25	±----			A	
	0 PLACES	±0.4	±----	THIRD ANGLE PROJECTION		SHEET NUMBER	
	ANGULAR TOL ± 1.5 °		DRAWING		MATERIAL NUMBER		CUSTOMER
			A3-SIZE		73591		0735912091
					CUSTOMER		COSTOM PART
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