



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:

- STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm
- LEAD FREE, NO Nd MATERIAL, BeO FREE
- THE DIMENSION OF DATE MATRIX IS 7.6X7.6MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
- THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PN#: 801-061-065-WB040

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: CHANGE ECTR RESTRICTED ***						
$F_A=0$	MM	1:1	molex SMSJ ISOLATOR/617-652MHZ/CW						
$F_V=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)								
$F_P=0$			EC NO: 702316						
			DRWN: SREN05 2022/04/20						
			CHK'D: WWANG99 2022/04/21						
			APPR: HWANG186 2022/04/22						
DIVISIONAL SYMBOLS			INITIAL REVISION:						
			DRWN: SREN05 2021/12/08						
			APPR: HWANG186 2022/03/01						
			DOCUMENT NUMBER: 735912091						
			DOC TYPE/DOC PART/REVISION: PSD 000 A1						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
			THIRD ANGLE PROJECTION						
			DRAWING: A3-SIZE						
			SERIES: 73591						
			MATERIAL NUMBER: 0735912091						
			CUSTOMER: GENERAL MARKET						
			SHEET NUMBER: 1 OF 1						