



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:

- 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#: 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					
	DIMENSION UNITS	SCALE	CURRENT REV DESC:			
	MM	1:1	CHANGE ECTR RESTRICTED ***			
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
		mm	INCH			
	4 PLACES	±0.005	±----	EC NO: 702316		
	3 PLACES	±0.025	±----	DRWN: SREN05	2022/04/20	
	2 PLACES	±0.13	±----	CHK'D: WWANG99	2022/04/21	
	1 PLACE	±0.25	±----	APPR: HWANG186	2022/04/22	
	0 PLACES	±0.4	±----	INITIAL REVISION:		
	ANGULAR TOL ± 1.5 °			DRWN: SREN05	2021/12/09	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: HWANG186	2022/03/01	
	THIRD ANGLE PROJECTION			DRAWING	SERIES	MATERIAL NUMBER
				A3-SIZE	73591	0735912092
				CUSTOMER	SHEET NUMBER	
				GENERAL MARKET	1 OF 1	