



ELECTRICAL SPECIFICATIONS :

Frequency range : 758 to 803 MHz
 Input power : 130 W
 Input power, peak : 1300 W
 Reflected power : 80 W
 Isolation (within frequency range, port 2 to 1) : 22 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) : 0.25 dB Max
 Intermodulation distortion, IM3(2 x 50 W) : -65 dBc Max
 IM5(2 x 50 W) : -79 dBc Max
 Harmonics: 2 x f(100W CW) : 0dBm Max
 3-4 x f (100W CW) : -10 dBm Max
 5 x f (100W CW) : -35dBm Max
 6-7 x f (100W CW) : -25 dBm Max
 Operating temperature range: -40°C to +115°C
 Storage temperature range : -40°C to +115°C
 Direction : CW

BODY: 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 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#: 801-075-080-WB040

FUNCTIONAL SYMBOLS F=0 E=0 P=0	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 MM	SCALE 1:1	EC NO: 696580				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05	2022/02/21		SMSJ ISOLATOR/758~803 MHZ/CW	
			CHK'D: JLI252	2022/02/23			
DIVISIONAL SYMBOLS	4 PLACES ±0.005 ±----	mm	INCH	APPR: HWANG186	2022/03/01		
	3 PLACES ±0.025 ±----			INITIAL REVISION:			
	2 PLACES ±0.13 ±----			DRWN: SREN05	2021/12/08		
	1 PLACE ±0.25 ±----			APPR: HWANG186	2022/03/01		
0 PLACES ±0.4 ±----			ANGULAR TOL ± 1.5 °				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	73591	0735912095	CUSTOM PART	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/01	06:07:38
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