



**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 : CCW

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#: 811-075-080-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: CHANGE ECTR RESTRICTED ***		<b>molex</b>	
	DIMENSION UNITS <b>MM</b>	SCALE <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED)			SMSJ ISOLATOR/758~803 MHZ/CCW
						PRODUCT CUSTOMER DRAWING
DIVISIONAL SYMBOLS	4 PLACES ±0.005 ±----	mm	INCH	EC NO: 702316	DOCUMENT NUMBER <b>735912096</b>	
	3 PLACES ±0.025 ±----			DRWN: SREN05 2022/04/20		DOC TYPE DOC PART REVISION PSD 000 A1
	2 PLACES ±0.13 ±----			CHK'D: WWANG99 2022/04/21	MATERIAL NUMBER 0735912096	
	1 PLACE ±0.25 ±----			APPR: HWANG186 2022/04/22		CUSTOMER GENERAL MARKET
	0 PLACES ±0.4 ±----			INITIAL REVISION:	SHEET NUMBER 1 OF 1	
	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		
			A3-SIZE	73591		