



ELECTRICAL SPECIFICATIONS :

Frequency Range : 753 to 803 MHz
 Input Power : 130 W
 Input Power, Peak : 1300 W
 Reflected power : 80 W
 Isolation : 22 dB Min
 Return Loss (Measured at port 1 and port 2) : 22 dB Min (0°C-115°C)
 (Measured at port 1 and port 2) : 20 dB Min (-40°C-0°C)
 Return Loss P4 : 20 dB Min
 Insertion Loss (within frequency range, port 1 to 2) : 0.30 dB Max
 Intermodulation distortion, IM3(2 x 50 W) : -65 dBc Max
 IM5(2 x 50 W) : -75 dBc Max
 Harmonics: 2 x f (100W CW) : 0dBm Max
 3-4 x f (100W CW) : -10 dBm Max
 5 x f (100W CW) : -35 dBm Max
 6-7 x f (100W CW) : -25 dBm Max
 Operating temperature range : -40°C to +115°C
 Storage temperature range : -40°C to +125°C
 Direction : CW

BODY: STEEL, SILVER PLATED
 ISOLATOR WITHSTANDS LEAD FREE SOLDERING PROCESS
 WITH MAXIMUM TEMPERATURE +260°C, 10 Sec.

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

ENG PART#: 808-075-080-WR040

FUNCTIONAL SYMBOLS FA=0 FE=0 FP=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 ***		molex						
	DIMENSION UNITS MM	SCALE 1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)			SMSJ ISOLATOR/753~803 MHZ/CW					
			mm	INCH		PRODUCT CUSTOMER DRAWING					
	4 PLACES	±0.005	±----	EC NO: 702316		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION		
		3 PLACES	±0.025	±----	DRWN: SREN05	2022/04/20	735912054		PSD	000	A1
		2 PLACES	±0.13	±----	CHK'D: WWANG99	2022/04/21			SHEET NUMBER		
		1 PLACE	±0.25	±----	APPR: HWANG186	2022/04/22			1 OF 1		
		0 PLACES	±0.4	±----	INITIAL REVISION:						
		ANGULAR TOL ± 1.5 °		DRWN: SREN05		2021/11/12					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: HWANG186		2022/03/01					
		THIRD ANGLE PROJECTION		DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
		A3-SIZE		73591		0735912054	GENERAL MARKET		1 OF 1		