



ELECTRICAL SPECIFICATION :
 Frequency range : 925 to 960 MHz
 Input power : 130 W
 Input power , peak: 2250 W
 Reflected power : 80 W
 Isolation (within frequency range, port 2 to 1) : 23 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) : 0.20 dB Max
 Intermodulation distortion, IM3(2 x 50 W) : -69 dBc Max
 IM5(2 x 50 W) : -79 dBc Max
 Harmonics: 2 x f (100W CW) : 0 dBm Max
 3-4 x f (100W CW) : -10 dBm Max
 5 x f (100W CW) : -35 dBm Max
 6 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. LEAD FREE, NO ND MATERIAL, BEO FREE
 2. ALL PARAMETERS ARE SPECIFIED IN OPERATING TEMP. RANGE
 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#: 801-092-096-WB040

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	DIMENSION UNITS	SCALE	RELEASE TO PROD		
$F_A=0$	MM	1:1	EC NO: 696580		SMSJ ISOLATOR/925~960 MHZ/CW
$F_E=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05	2022/02/21	
$F_P=0$	mm INCH		CHK'D: JLI252	2022/02/23	RESTRICTED PRODUCT CUSTOMER DRAWING
DIVISIONAL SYMBOLS	4 PLACES ±0.005 ±----	±----	APPR: HWANG186	2022/03/01	
	3 PLACES ±0.025 ±----	±----	INITIAL REVISION:		DOCUMENT NUMBER
	2 PLACES ±0.13 ±----	±----	DRWN: SREN05	2021/12/08	735912101
	1 PLACE ±0.25 ±----	±----	APPR: HWANG186	2022/03/01	PSD 000 A
	0 PLACES ±0.4 ±----	±----	ANGULAR TOL ± 1.5 °		DRAWING
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER
			A3-SIZE	73591	0735912101
					CUSTOMER
					SHEET NUMBER
					1 OF 1