



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 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				SMSJ ISOLATOR/925~960 MHZ/CW	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 702316		PRODUCT CUSTOMER DRAWING		
	4 PLACES	±0.005 ±----	DRWN: SREN05	2022/04/20			
	3 PLACES	±0.025 ±----	CHK'D: WWANG99	2022/04/21			
	2 PLACES	±0.13 ±----	APPR: HWANG186	2022/04/22			
	1 PLACE	±0.25 ±----	INITIAL REVISION:				
0 PLACES	±0.4 ±----	DRWN: SREN05	2021/12/08	DOCUMENT NUMBER 735912101	DOC TYPE PSD	DOC PART 000	REVISION A1
ANGULAR TOL ± 1.5 °		APPR: HWANG186	2022/03/01				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 73591	MATERIAL NUMBER 0735912101	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 1