



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: CCW

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#: 811-092-096-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	CHANGE ECTR RESTRICTED ***		
E _A =0	MM	1:1	EC NO: 702316		SMSJ ISOLATOR/925~960 MHZ/CCW
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05	2022/04/20	
E _F =0			CHK'D: WWANG99	2022/04/21	
			APPR: HWANG186	2022/04/22	
E _P =0			INITIAL REVISION:		
			DRWN: SREN05	2021/12/09	
DIVISIONAL SYMBOLS			APPR: HWANG186	2022/03/01	
		ANGULAR TOL ± 1.5 °			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER
			A3-SIZE	73591	735912102
					DOC TYPE DOC PART REVISION
					PSD 000 A1
					MATERIAL NUMBER CUSTOMER SHEET NUMBER
					0735912102 GENERAL MARKET 1 OF 1