



ELECTRICAL SPECIFICATION :

Frequency Range	: 859~894 MHz
Input Power	: 100 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~125°C) : 20 dB Min (-40°C~0°C)
Insertion Loss (Within frequency range, Port 1 to 2)	: 0.25 dB Max
Inter modulation 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
	6-7 x f (100W CW) : -25 dBm Max
Operating Temperature Range	: -40°C to +125°C
Storage Temperature Range	: -40°C to +125°C
Direction	: CCW

BODY: CARBON 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 DATE MATRIX IS 7.6X7.6MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
 4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PN#: 811-085-089-WB040

FUNCTIONAL SYMBOLS FA=0 FB=0 FC=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: RELEASE TO PROD		molex	
	DIMENSION UNITS MM	SCALE 1:1	EC NO: 696580			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05	2022/02/21		SMSJ ISOLATOR/859~894 MHZ/CCW
			CHK'D: JLI252	2022/02/23		
DIVISIONAL SYMBOLS	4 PLACES ±0.005 ±----	mm	INCH	APPR: HWANG186	2022/03/01	RESTRICTED PRODUCT CUSTOMER DRAWING
	3 PLACES ±0.025 ±----	INITIAL REVISION:		DRWN: SREN05	2021/12/09	DOCUMENT NUMBER
	2 PLACES ±0.13 ±----	ANGULAR TOL ± 1.5 °		APPR: HWANG186	2022/03/01	735912100
	1 PLACE ±0.25 ±----	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
	0 PLACES ±0.4 ±----			A3-SIZE	73591	MATERIAL NUMBER
				CUSTOMER	0735912100	CUSTOMER
				SHEET NUMBER	1 OF 1	