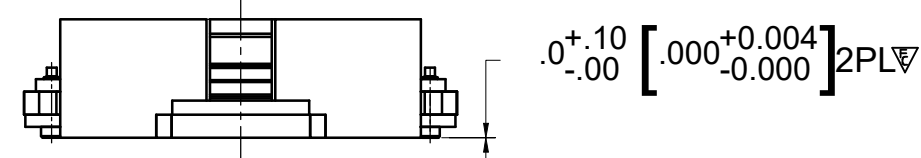


PCB Material : RO 4350B , 20 mil THK



**ELECTRICAL SPECIFICATION :**  
 Frequency Range : 717 to 756 MHz  
 Input power : 100 W  
 Input power , peak : 1300 W  
 Reflected power : 80 W  
 Isolation : 22 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) : 0.25 dB Max  
 Intermodulation distortion, IM3(2 x 50 W) : -65 dBc Max  
 IM5(2 x 50 W) : -79 dBc Max  
 Harmonics: 2 x f(100W CW) : 0dBm Max  
 3-4 x f (100W CW) : -10dBm Max  
 5 x f (100W CW) : -35dBm Max  
 6-7 x f (100W CW) : -25dBm Max  
 Operating temperature range : -40°C to +115°C  
 Storage temperature range : -40°C to +125°C  
 Direction : CW

**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#: 801-071-076-WB040**

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC:						<b>molex</b>
MM		1:1		RELEASE TO PROD							
GENERAL TOLERANCES (UNLESS SPECIFIED)		mm		INCH		EC NO: 696580		DRWN: SREN05		2022/02/21	
4 PLACES ±0.005 ±----						CHK'D: JLI252		2022/02/23		SMSJ ISOLATOR/717~756MHZ/CW	
3 PLACES ±0.025 ±----						APPR: HWANG186		2022/03/01		RESTRICTED PRODUCT CUSTOMER DRAWING	
2 PLACES ±0.13 ±----						INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE   DOC PART   REVISION	
1 PLACE ±0.25 ±----						DRWN: SREN05		735912093		PSD 000   A	
0 PLACES ±0.4 ±----						APPR: HWANG186		2022/03/01			
ANGULAR TOL ± 1.5 °						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	
						A3-SIZE		SERIES		MATERIAL NUMBER	
								73591		CUSTOMER	
								0735912093		SHEET NUMBER	
								COSTOM PART		1 OF 1	