

Features

- Low insertion loss
- Small footprint
- Surface mount
- WCS Ceramic Duplexer

Descriptions

Surface mount, Silver (Ag) coated ceramic duplexer developed for WCS applications. Filter is composed of a ceramic block plated with Ag and a shield made of nickel silver plated steel.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	2310	2355
Band Width	MHz	10 (2305~2315)	10 (2350~2360)
Insertion Loss in BW	dB	4.0 max	4.0 max
Ripple in BW	dB	1.0 max	1.0 max
Return Loss (VSWR)	dB	1.5:1	1.5:1
Attenuation	dB	50 min @ 2350 ~ 2360 MHz	50 min @ 2305 ~ 2315 MHz
Input Power	Watt	3 max (CW)	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85	
RoHS	-	Yes	
Dimensions Maximum	mm	40.2 L x 6.9 W x 8.5 H	

Mechanical Drawing

