

Features

- Low Insertion Loss
- Small Footprint
- Surface Mount
- Bluetooth Ceramic Filter

Descriptions

Surface mount, Silver (Ag) coated, ceramic bandpass filter, developed for Bluetooth 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
Center Frequency	MHz	2441.5
Band Width	MHz	2400 ~ 2483
Insertion Loss in BW	dB	1.5 max
Ripple in BW	dB	1.0 max
Return Loss(or VSWR)	dB	2.0 : 1
Attenuation	dB	16 min @ 2191MHz, 12 min @ 2691MHz 38 min @ 4883MHz, 30 min @ 7325MHz
Input Power	Watt	10 peak 1% duty cycle
IN/OUT Impedance	Ω	50
Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85
Storage Temp. Range	$^{\circ}\text{C}$	-55 ~ +90
Dimensions	mm	(L x W x H)

Electrical Response

