

Features

- Low insertion loss
- High Attenuation
- Surface Mount
- WCS Bandpass Filter

Descriptions

Surface mount, ceramic bandpass filter developed for WCS applications. Filter is composed of silver plated ceramic block with metal cover.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	2310
Passband Frequency Range	MHz	2305 ~ 2315
Insertion Loss in Passband	dB	3.0 max
Ripple in Passband	dB	0.6 max
Return Loss (VSWR) in Passband	dB	15 min
Attenuation	dB	40 @ 700 ~ 800 MHz
		35 @ 817 ~ 849 MHz
		30 @ 1710 ~ 1755 MHz
		35 @ 1850 ~ 1915 MHz
		15 @ 2332.5 MHz
		25 @ 2500 ~ 2700 MHz
		35 @ 2700 ~ 3000 MHz
In/Out Impedance	Ohm	50
Input Average Power	Watt	3 max
Operating Temperature	°C	-30 ~ +85
Dimensions (maximum)	mm	18.5 x 10.5 x 9.0 (L x W x H)

Mechanical Drawing

