

Features

- Low Insertion Loss
- Small Footprint
- High Power Handling
- Surface Mount

Descriptions

Surface mount ceramic bandpass filter developed for LTE band 42 TDD applications. Filter is composed of silver plated ceramic block with metal cover.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	3300
Passband Frequency Range	MHz	3100 ~ 3500
Insertion Loss in Passband	dB	1.0 max
Ripple in Passband	dB	0.3 max
Return Loss (VSWR) in Passband	dB	13 min
Attenuation	dB	30 min @ 2700 MHz
		28 min @ 3900 MHz
		50 min @ DC~2000 MHz
		1 min @ 4500~10000 MHz
In/Out Impedance	Ohm	50
Input Average Power	W	3 max
Operating Temperature Range	°C	-40 ~ +85
ROHS	-	Yes
Dimensions	mm	16.5 x 11.0 x 7.5 (L x W x H)

Mechanical Drawing

