

Features

- Low Insertion Loss
- High Attenuation
- Small Footprint
- Surface Mount

Descriptions

Surface mount ceramic bandpass filter developed for L1-band applications. Filter is composed of silver plated ceramic block with metal cover.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	1575.42
Passband Frequency Range	MHz	1565.42 ~ 1585.42
Insertion Loss in Passband	dB	1.2 max
Ripple in Passband	dB	0.5 max
Return Loss (VSWR) in Passband	dB	14 min
Attenuation	dB	30 min @ $F_c \pm 100$ MHz
In/Out Impedance	Ohm	50
Input Average Power	W	3 max
Operating Temperature Range	°C	-30 ~ +85
ROHS	-	Yes
Dimensions	mm	18 x 9.3 x 9.2 (L x W x H) max

Mechanical Drawing

