

Features

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

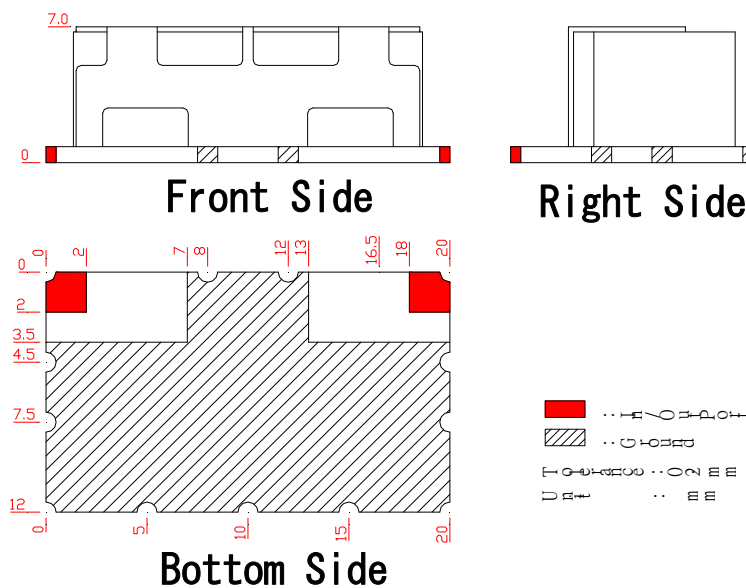
Descriptions

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

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	1575.42
Passband Frequency Range	MHz	1565.42 ~ 1585.42
Insertion Loss in Passband	dB	1.0 max
Ripple in Passband	dB	0.3 max
Return Loss (VSWR) in Passband	dB	15 min
Attenuation	dB	30 min @ Fc ± 100 MHz
In/Out Impedance	Ohm	50
Input Average Power	W	3 max
Operating Temperature Range	°C	-40 ~ +85
ROHS	-	Yes
PCB	-	Rogers 4350 - 20 mil thickness
Dimensions	mm	20 x 12 x 7 (L x W x H) max

Mechanical Drawing



Electrical Performance

