

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

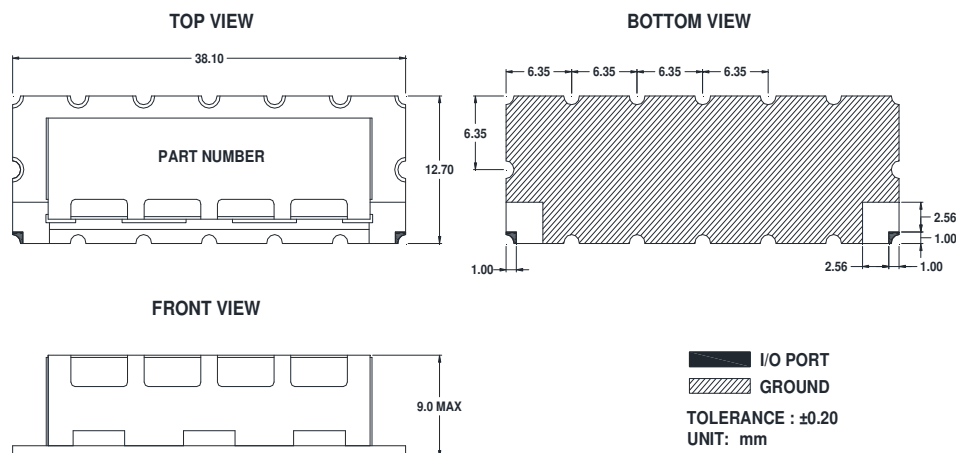
Descriptions

Surface mount ceramic bandpass filter developed for S band applications.

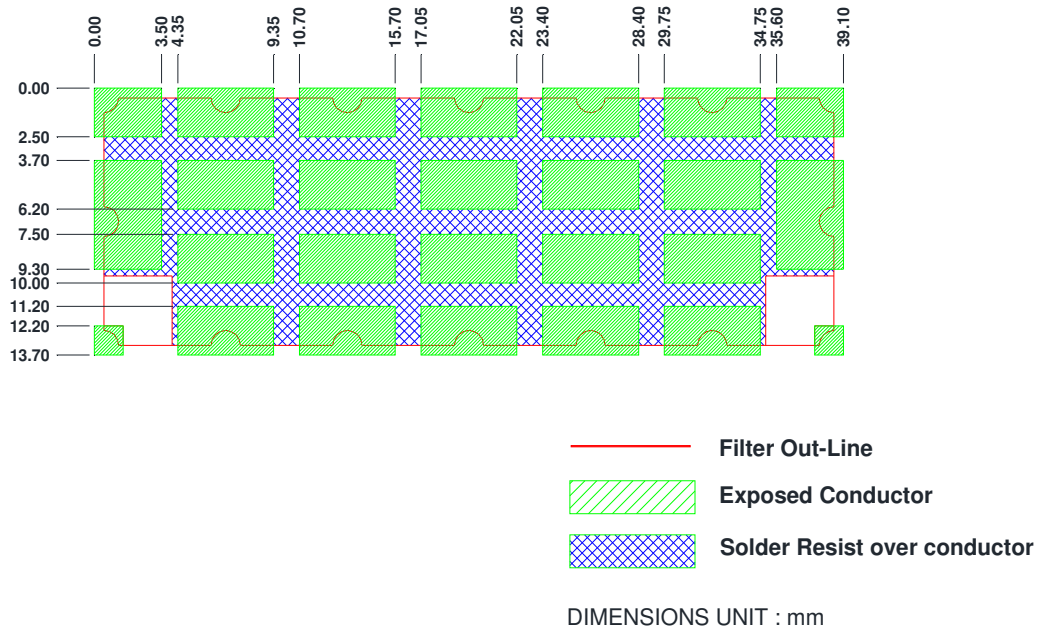
Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	2300
Passband Frequency Range	MHz	2200 ~ 2400
Insertion Loss	dB	0.8 max
Ripple in Passband	dB	± 0.5 max
Return Loss (VSWR) in Passband	dB	15 min
Attenuation	dB	10 min. @ $F_o \pm 200\text{MHz}$
		50 min. @ $F_o \pm 300\text{MHz}$
In/Out Impedance	Ohm	50
Group Delay	nsec	4 max
Power Handling	Watt	4 (CW) max
Operating Temperature	°C	-40 ~ +85
Dimensions	mm	38.1 x 12.7 x 9.0 (L x W x H)

Mechanical Drawing



Recommended PCB Pattern



Electrical Response

