

Features

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

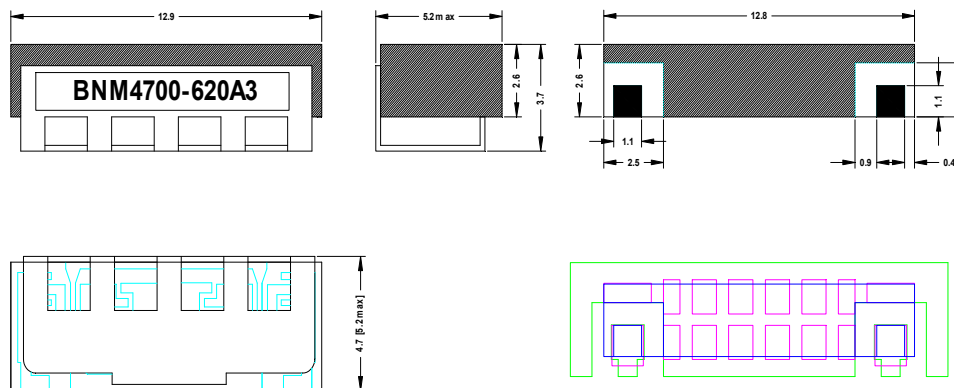
Descriptions

Surface mount ceramic bandpass filter developed for C band applications.

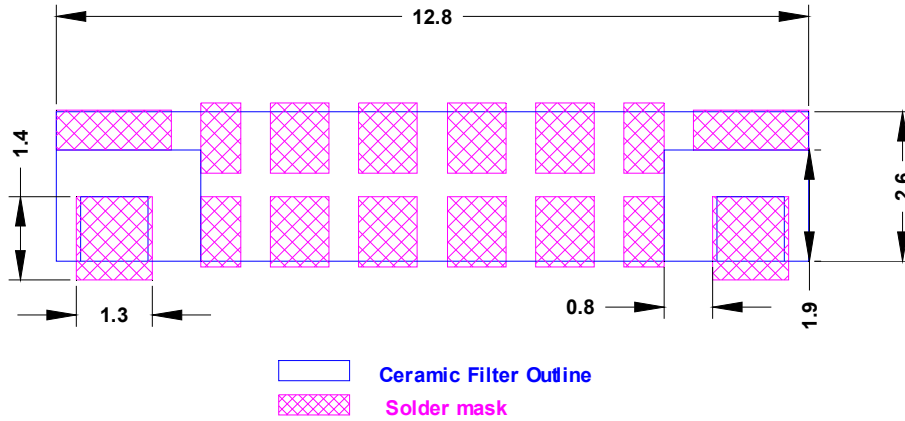
Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	4700
Passband Frequency Range	MHz	$F_c \pm 310$ (4390 ~ 5010)
Insertion Loss at F_c	dB	1.5 max.; 1.2 typ.
Ripple in Passband	dB	0.5 max
Return Loss (VSWR) in Passband	dB	15.0 min
Attenuation at Reject Band	dB	50 min @ 3700MHz
		30 min @ 5800MHz
In/Out Impedance	Ohm	50
Power Handling	Watt	3 max
Operating Temperature	°C	-40 ~ +85
Dimensions	mm	12.9 x 2.6 x 5.2 (L x W x H)

Mechanical Drawing



Recommended PCB Layout



Electrical Response (example)

