

Features

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

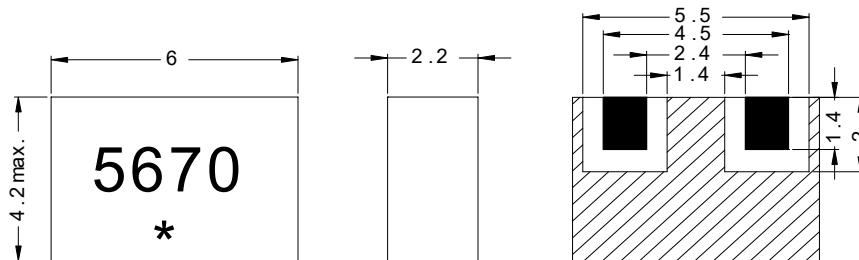
Descriptions

Surface mount mono-block ceramic bandpass filter developed for U-NII-2C & 3 802.11a band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	5670
Passband Frequency Range	MHz	5490 ~ 5850
Insertion Loss in Passband	dB	3.5 max
Ripple in Passband	dB	1.3 max
Return Loss(VSWR) in Passband	dB	10 min
Attenuation	dB	50 min @ 5150 ~ 5330MHz
Operating Input Power	Watts	1 CW max
IN/OUT Impedance	Ohm	50
Operating Temperature	°C	-40 ~ +85
Dimensions	mm	6 x 4.2 x 2.2 (L x W x H)
RoHS	-	Yes

Mechanical Drawing



* : MONTHLY CODE

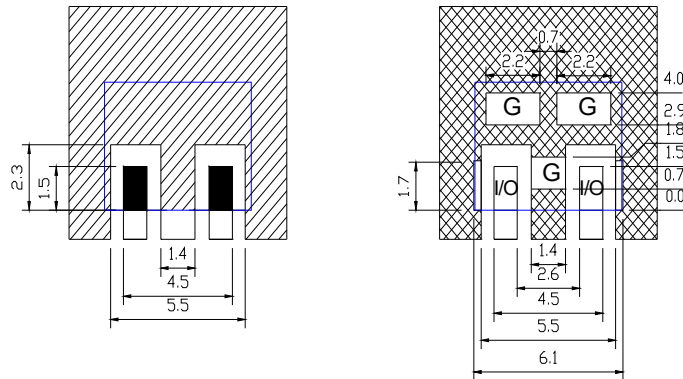
 I/O PORT

 GROUND

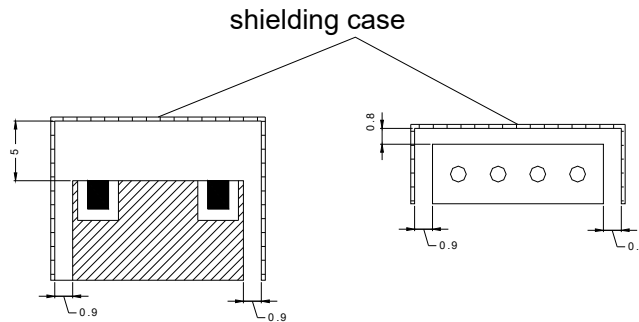
TOLERANCE : ± 0.20

UNIT: mm

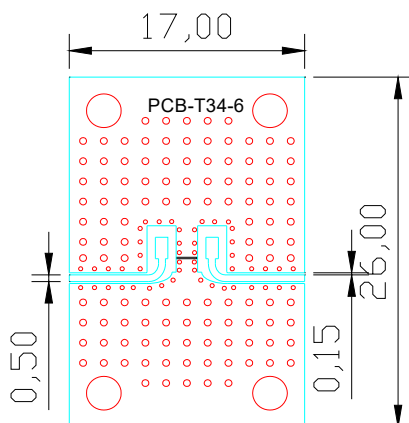
Recommended PCB Layout



Shielding Layout



Evaluation Board Layout



Rogers 4350, Thickness 0.5mm

Electrical Performance