

**Features**

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

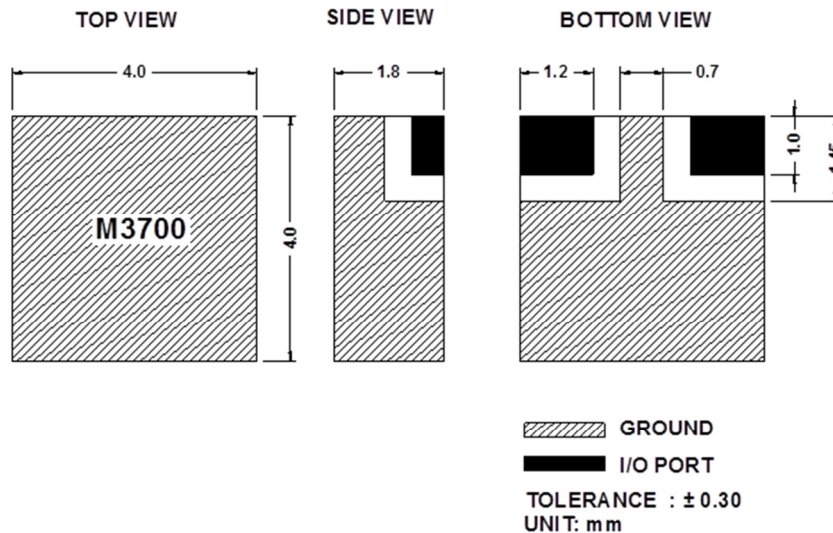
**Descriptions**

Surface mount mono-block ceramic bandpass filter developed for S band applications.

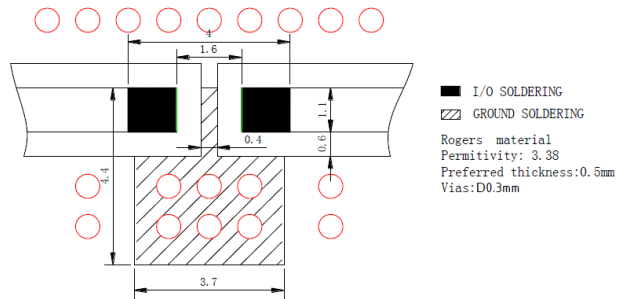
**Electrical Specifications**

Parameter	Unit	Specification
Center Frequency	MHz	3700
Passband Frequency Range	MHz	3600 ~ 3800
Insertion Loss in Passband	dB	2.5 max
Ripple in Passband	dB	1.0 max
Return Loss (VSWR) in Passband	dB	2:1 max
Attenuation	dB	8 min @ 3520MHz
		8 min @ 3880MHz
In/Out Impedance	Ohm	50
Power Handling	Watt	1 (CW) max
Operating Temperature	°C	-40 ~ +85
Dimensions (max)	mm	4.0 x 4.0 x 1.80 max (L x W x H)

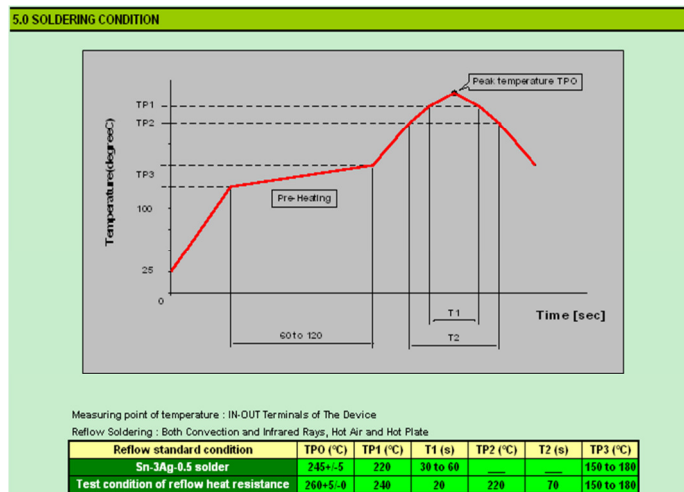
**Mechanical Drawing**



## Recommended PCB Layout



## Reflow Profile



## Electrical Response

