



Ceramic waveguide filter, F0 3950MHz, bandwidth 100MHz, 23dB rejection.

## Electrical Specifications

Frequency F0	3950 MHz
Band Width	F0±50
Pass Band	3900-4000 MHz
Return Loss	≤-15.0 dB
VSWR	≤1.43
Insertion Loss	≤0.9 dB
Ripple	≤0.5 dB
Rejection	≥70 dB @1500-1600MHz ≥50 dB @2690-2800MHz ≥45 dB @3100-3200MHz ≥40 dB @3240MHz ≥23 dB @4120-4200MHz ≥35 dB @4260MHz ≥50 dB @4500-4800MHz ≥45 dB @5100-5200MHz ≥40 dB @6300-6400MHz
Power Handling	10 watts average
Impedance	50 ohms

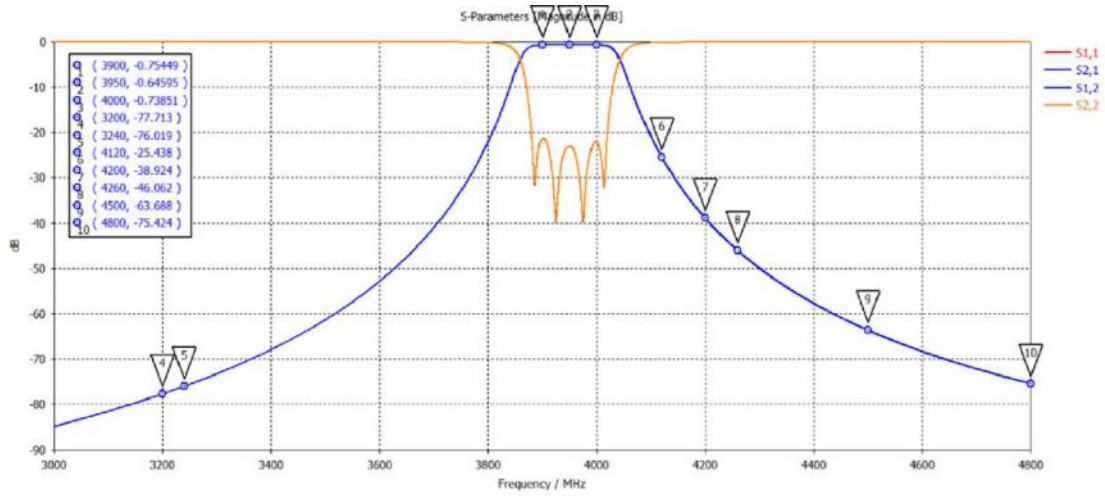
## Mechanical Specifications

Dimension	14×14×5 (mm)
Weight	100 g

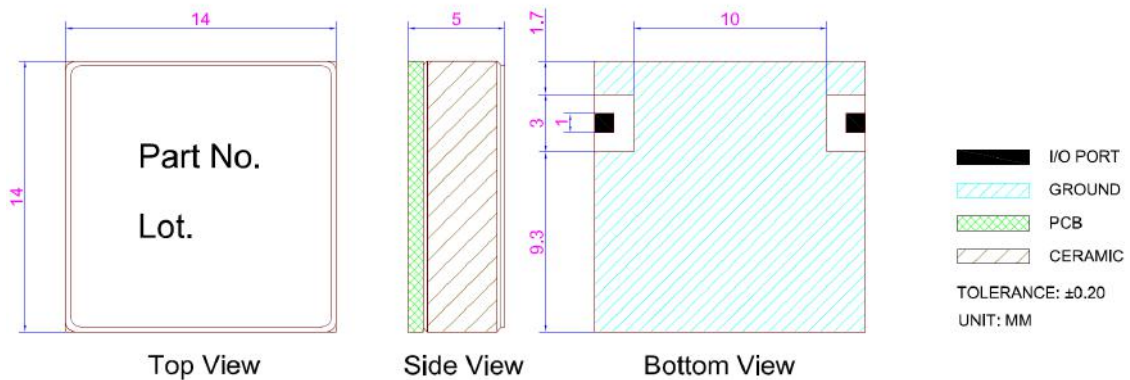
## Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Storage Temperature	-45 °C to +85 °C
Relative Humidity	5% - 95%
Application	Indoor

### Plot Data



### Outline Drawing



### Regulatory Compliances

ISO 9001:2015	Compliant
ROHS	Compliant
China RoHS	Compliant
UK RoHS	Compliant
REACH	Compliant
EU/CE	Compliant

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