



### Electrical Specifications

**Center Frequency:** 5550 MHz  
**Bandwidth:** Fo ± 302 MHz Min  
**Passband:** 5248-5852 MHz  
**Insertion Loss:** 1.5 dB Max  
**Ripple in BW:** 0.8 dB Min  
**VSWR:** 1.7:1 Max  
**Attenuation:** >35 dB @ 4950 MHz  
                   >60 dB @ 7100 MHz  
**In/Out Impedance:** 50Ω  
**Input Power:** 3 W Typ. (5 W Max)

### Mechanical

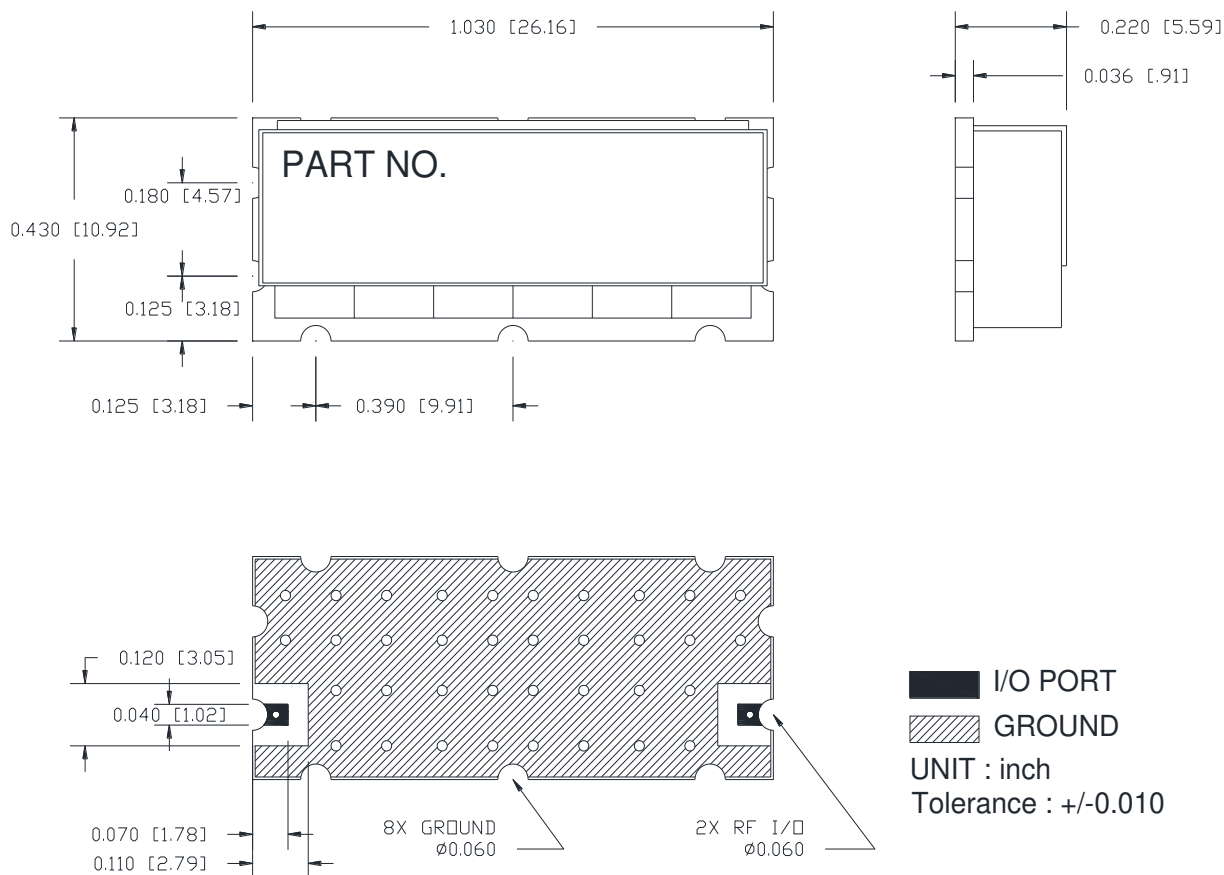
**Mounting Method:** SMT  
**Dimensions:** 26.16 x 10.92 x 0.22 mm

### Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -65 to +125° C

**This product is RoHS compliant.**

### Outline Drawing:





# 5550 MHz Ceramic Bandpass Filter

**Part Number: AM5550B1645**



## PCB Layout:

