



# 8863.95 MHz Cavity Bandpass Filter



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AE8863.95B11375**

## Electrical specifications

**Center Frequency:** 8863.95 MHz  
**Passband:** cF +/- 12.5 MHz min  
**Insertion Loss:** 2.0 dB Max over passband  
**Ripple:** +/- 0.05 dB Max over passband  
**3dB BW:** 100 +/- 20 MHz  
**Rejection:** 30 dB min @ 240 MHz BW  
**Ultimate Attenuation:** 55 dB Min  
**Phase Linearity:** +/- 3 Deg Max  
**Impedance:** 50 Ω  
**Connector Type:** SMA (F)  
**Power Handling:** 10 W

## Mechanical

**Connector Type:** SMA Female  
**Dimensions With Mounting:** 4.00" x 1.00" x 0.72" max

## Environmental

**Operating Temperature:** -30 to +85° C  
**Humidity:** : MIL-STD-202F, Method 103, Cond.B

## Material / Finish

**Filter:** ½ Hard Brass, Silver Plate and Paint  
**Plate:** AL 6061, Iridite Class III

## Outline Drawing:

