



**Electrical specifications**

**Center Frequency(FO):** 1582.5 MHz  
**Bandwidth:** 55.0 MHz  
**Insertion Loss:**  $\leq 1$  dB max  
**Ripple in BW:**  $\leq 0.5$  dB max  
**VSWR:** 15 dB min  
**Attenuation 1:** 10 dB min @  $\pm 5$  MHz  
**Attenuation 2:**  $\leq 1$  dB min @  $\pm 5$  MHz  
**Attenuation 3:** 20 dB min @  $\pm 60$  MHz  
**In/Out Impedance:** 50 Ohm  
**Input Power:** 5W

**Mechanical**

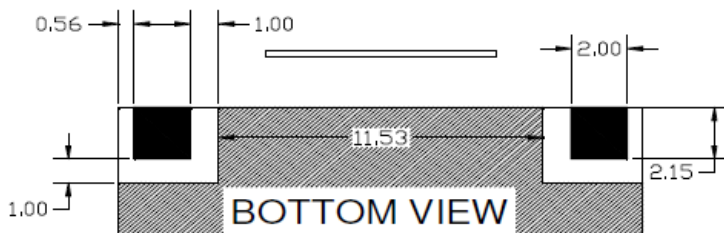
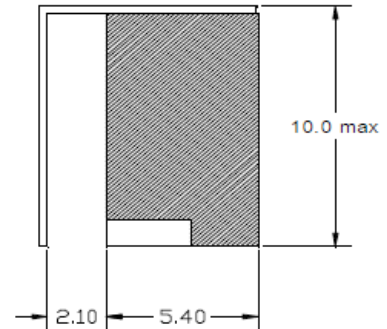
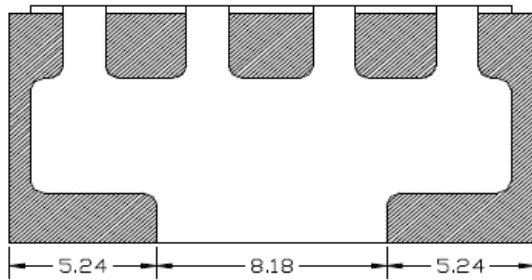
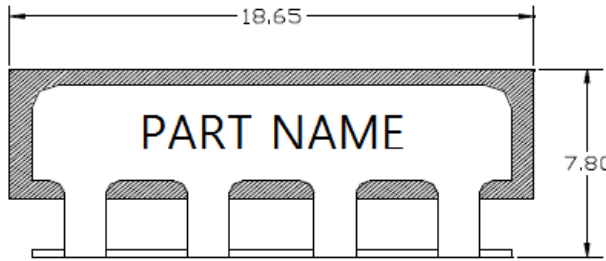
**Mounting Method:** SMT  
**Dimensions:** 18.65 x 7.80 x 10 mm

**Environmental**

**Operating Temperature:** -40°C to +85°C

**This product is RoHS compliant.**

**Outline Drawing:**



■ :I/O PORT  
 ▨ :GROUND

Unit : mm  
 Unless specified tolerance are  $\pm 0.30$



# 1582.5 MHz Ceramic Bandpass Filter

## Part Number: AM1582B1580



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

### Response Plot:

