



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

# 1123 MHz Bandpass Filter

## Part Number: AE1123B10243



### Electrical specifications

**Center Frequency:** 1123 MHz  
**Insertion Loss:**  $\leq 1.3$  dB  
**Passband IL:** 1117-1129 MHz  
 $\leq 0.5$ dB flat from CF  
**Passband Return Loss:**  $\geq 14$  dB  
**Rejection:**  $\geq 60$  dB @ 0-1090 MHz  
**Rejection 2:**  $\geq 51$  dB @ 1160-1500 MHz  
**Rejection 3:**  $\geq 60$  dB @ 1500-2000 MHz  
**Input / Output Impedance:** 50 Ohms

### Mechanical

**Connector Type:** Type-N (F) and Type-N (M)  
**Dimensions:** 5.875 x 2.95 x 1.125 inches

### Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage temperature:** -65 to +95 deg.C  
**Shock:** 20 G's,  $\frac{1}{2}$  sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

### Outline Drawing:

