



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

# 15350-15750 MHz Bandpass Filter

**Part Number: AE15550B10783**



## Electrical specifications

**Passband:** 15350-15750MHz  
**Passband Insertion Loss:** ≤1.0 dB (F0)  
**Passband Ripple:** ≤0.5dB  
**Return Loss:** ≥14 dB @ 15350-15400 MHz  
                   ≥14 dB @ 15700-15750 MHz  
                   ≥19.5 dB @ 15400-15700 MHz  
**Rejection:** ≥50 dB @ 11000MHz  
                   ≥40 dB @ 20000MHz  
**Power Handling:** 150W(Max)  
**Input / Output Impedance:** 50 Ohms

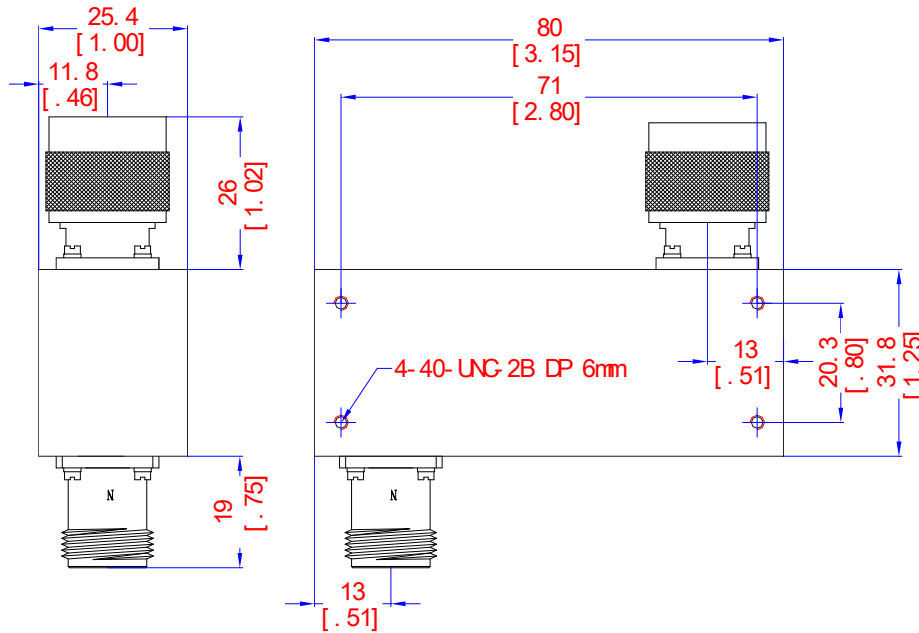
## Mechanical

**Connector Type:** N-Female/N-Male  
**Dimensions:** 3.15 x 1.25 x 1 inches

## Environmental

**Operating Temperature:** 0 to +60 deg.C

## Outline Drawing:



Tolerance: +/-0.01 inches [+/-0.3mm]

Angles: +/-1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.