



2200-2335/2375-2400MHz BPF NotchFilter

P/N: AE2267-2387BPN2282



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Passband 1: 2200-2335 MHz

Passband 2: 2375-2400 MHz

Insertion loss in Passbands: 2.5 dB max

Return Loss in Passbands: 14 dB Min

≥100dB@400-550MHz, ≥50dB@1200MHz, ≥40dB@2000MHz,
≥63dB@2135MHz, ≥58dB@2140MHz;≥53dB@2145MHz,
≥48dB@2150MHz, ≥43dB@2155MHz, ≥38dB@2160MHz,
≥33dB@2165MHz;≥28dB@2170MHz, ≥23dB@2175MHz,
≥18dB@2180MHz, ≥13dB@2185MHz,
≥8dB@2190MHz;≥3dB@2195MHz, ≥8dB@2340MHz,
≥15dB@2345MHz, ≥22dB@2350-2360MHz,
≥15dB@2365MHz;≥8dB@2370MHz, ≥3dB@2405MHz,
≥8dB@2410MHz, ≥13dB@2415MHz,
≥18dB@2420MHz;≥23dB@2425MHz, ≥28dB@2430MHz,
≥33dB@2435MHz, ≥38dB@2440MHz, ≥43dB@2445MHz;
≥48dB@2450MHz, ≥53dB@2455MHz, ≥58dB@2460MHz,
≥63dB@2465MHz, ≥68dB@2470MHz

Mechanical

Mounting Method: Thru Holes

Connector Type: SMA (F)

Dimensions: 4.22 x 3.31 x 1.3(incl. tuning screws) inches.

107 x 84 x 33 mm

Environmental

Operating Temperature: 25 Deg. C

Storage Temperature: -55°C to +95°C

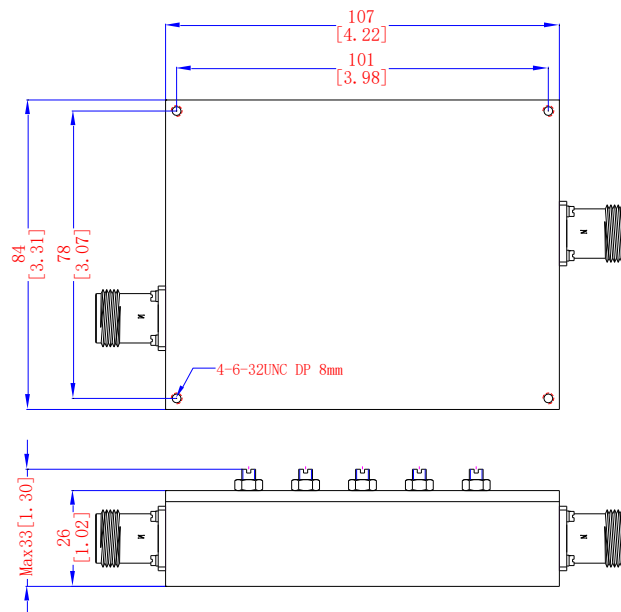
Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200Hz

Power Handling: 50 Watt

Input / output Impedance: 50 Ohms

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.

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Response Plot:

