



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

33 GHz Cavity Band Pass Filter

Part Number: AE33000B11769



Electrical Specifications

Center Frequency: 33 GHz
Bandwidth: 18 GHz
Passband Frequency (PB): 24-42 GHz
PB Insertion Loss : ≤ 1.25 dB
Return Loss: ≥ 10 dB
Rejection 1: 20 dB Min. @ 21 GHz
Rejection 2: 30 dB Min. @ 46 GHz
Power Handling: 5 W
Input / output Impedance: 50 Ohms

Mechanical

Mounting Method: TBD
Connector Type: K-Female In/Out
Dimensions: 1.5 x 0.5 x 0.5 inches max.
(excluding connectors)

Environmental

Operating Temperature: -40°C to +80°C
Storage Temperature: -55°C to +95 °C
Shock: 20G. 11ms
Vibration: 20G 0.5 to 200 Hz

Outline Drawing:

To be supplied when P.O is received

Tolerance: ± 0.01 inches [± 0.3 mm]

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.*

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com