



8.75-10.35 GHz Cavity Bandpass Filter

Part Number: AE9550B11507



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Center Frequency (Fo): 9550 MHz
Pass Band (PB): 8.75-10.35 GHz
Insertion Loss @ PB: 1.0 dB Max
Return Loss in BW : 18 dB Min.
Rejection: >60 dB@ DC-8.0 GHz
>60 dB@ 11-11.5 GHz
>90 dB@ 11.5-20 GHz

Impedance: 50 Ohms
Power Handling: 100 W (25% duty cycle)

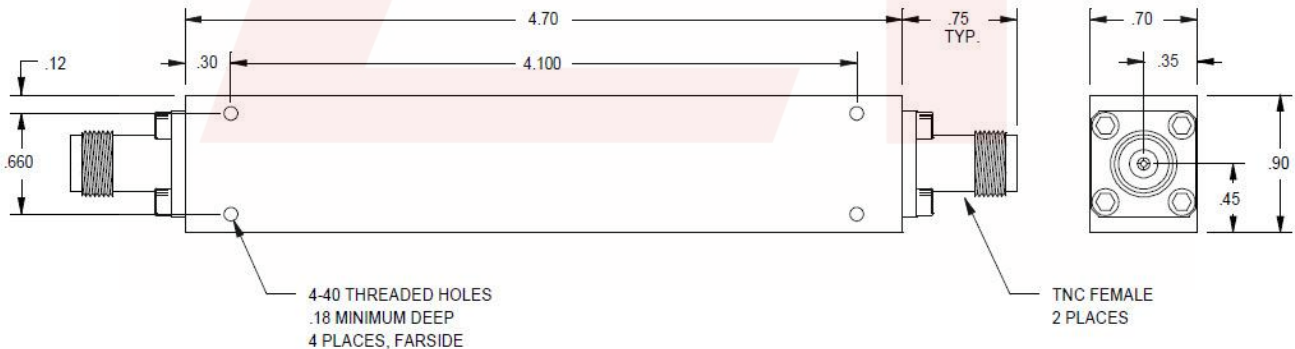
Mechanical

Mounting Method: Threaded holes
Connectors: TNC (F)
Dimensions: 6.2" x 0.9" x 0.7"
(includes Connectors)

Environmental

Operating Temperature: -55 to +85 deg. C
Altitude: 40,000 ft (Max)
Shock: 12 G's, 11ms
Vibration: 10-2000Hz @ +/-10g RMS

Outline Drawing:



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