ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2500 MHz Cavity Bandpass Filter

Part Number: AB2500B895

ISO 9001 REGISTERED FIRM

Electrical specifications

1 dB passband frequency range: 2475-2525 MHz
Passband insertion loss @Fo: <1.5 dB, 1.3 dB typ
Passband ripple: <0.5 dB P-T-P
Attenuation 1: <1.5 dB@2500 MHz
Attenuation 2: <1.6 dB@2497.5-2503.5 MHz
Passband return loss: -14 dB max, <1.5:1 Typ
Input/Output impedance: 50 Ohm
RF power capability average: 5 Watts

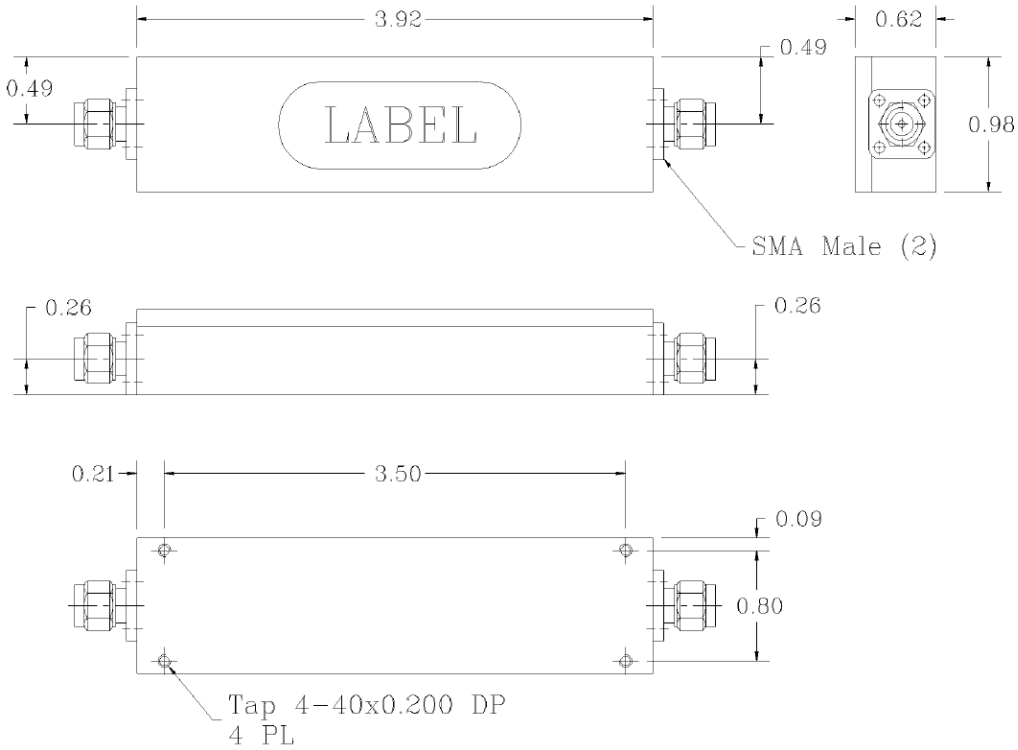
Mechanical

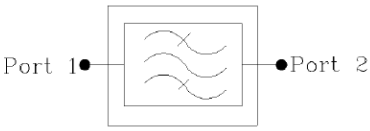
Mounting Method: Threaded Mounting Holes
Connector Type: SMA Male
Dimensions: 3.92” X 0.98” X 0.62” in

Environmental

Operating Temperature: -45 to +85º C
Storage Temperature: -55 to +95º C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





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