



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4940 MHz Cavity Bandpass Filter

Part Number: AB4940B525



Electrical specifications

Center frequency (Fc): 4940 MHz
Pass bandwidth (BW): $F_c \pm 60$ (4880-5000 MHz)
Insertion loss @BW: 0.8 dB
Ripple @BW: ± 0.1 dB
VSWR:@BW: 1.3:1
3dB BW: >4830-5050 MHz
80 dB BW: $\approx$ 4780-5100 MHz
Rejection at 2Fc: $\approx$ >80 dB
Power: 100 W CW

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 6.53" X 2.19" X 0.70" in

Environmental

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

Outline Drawing:

