



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5250 MHz Ceramic Bandpass Filter

Part Number: AE5250CB1877



Electrical specifications

Center Frequency: 5250 MHz
Bandwidth: 300 MHz
Insertion Loss: 2.0 dB Max
Ripple @ BW: 1.0 Max
VSWR @ BW: 2.0 dB Max
Attenuation: 50 dB Min @ 4950 MHz
Attenuation: 30 dB Min @ 5550 MHz
Input / Output Impedance: 50 Ohms
Power Handling: 1 W CW Max

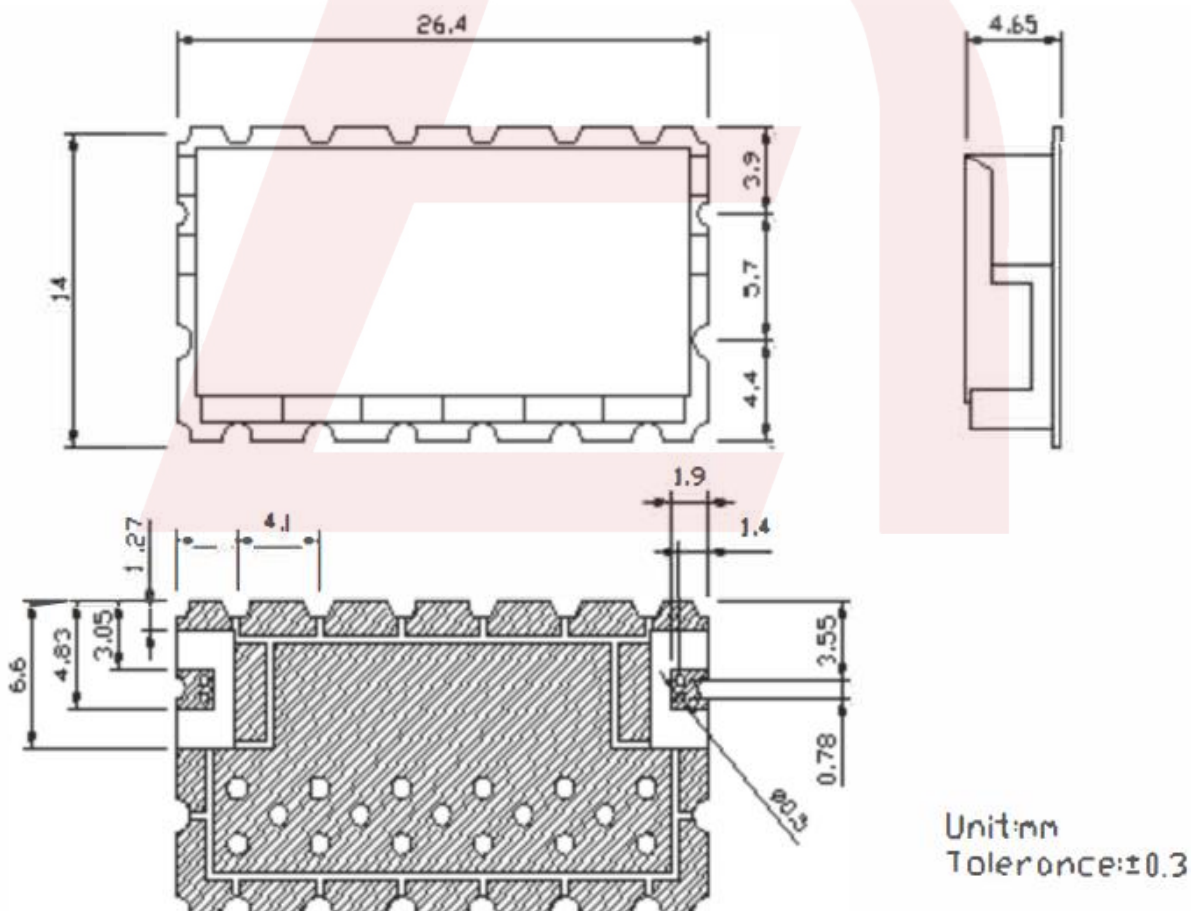
Mechanical

Mounting Method: SMT
Dimensions: 26.4 x 14 x 4.65 mm

Environmental

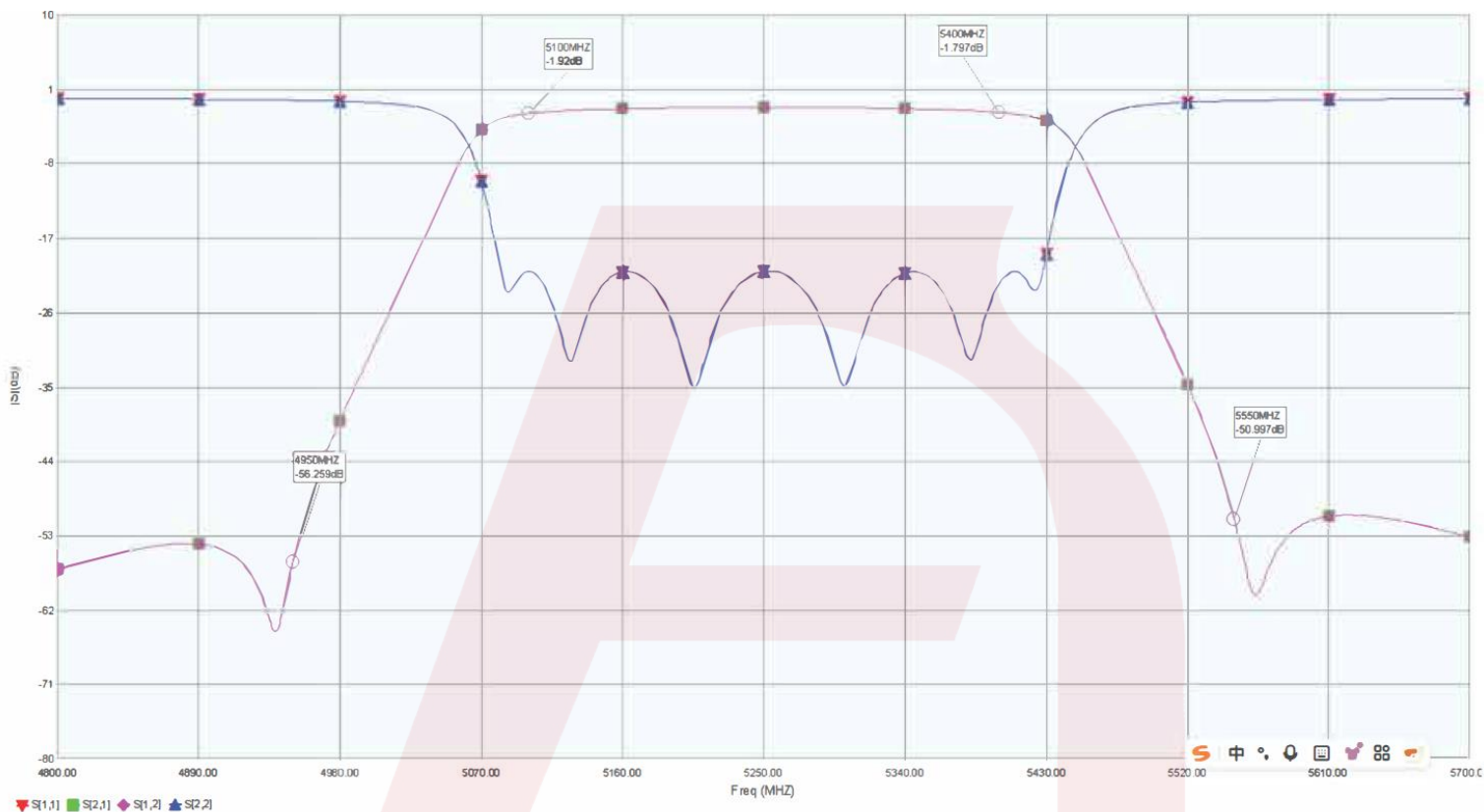
Operating Temperature: -40°C to +85°C
Storage Temperature: -50°C to +90°C
Shock: 10G. 11ms
Vibration: 10G. 5 to 2000 Hz

Outline Drawing:



DS-CB1877-06232025-Rev0

Simulated Plot:



Note: This is a simulation plot. Actual results may differ.