



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1270 MHz Ceramic Bandpass Filter

Part Number: AM1270B1053



Electrical specifications

Center Frequency: 1270 MHz

Bandwidth: 15 MHz Min

VSWR: 18 dB min

Input / Output Impedance: 50 Ohms

Passband: 1262.5-1277.5 MHz

Passband Insertion Loss: 3.0 dB max

Passband Ripple: 1.0 dB max

0.15 dB max. over Fo +/- 3MHz

0.25 dB max. over Fo +/- 6MHz

Rejection: 65 dBc min at 70 MHz

Rejection 2: 60 dBc min at 140 MHz

Rejection 3: 60 dBc min at 1200 MHz

Rejection 4: 20 dBc min at 1300 MHz

Rejection 5: 55 dBc min at 2400 MHz

Power Handling:

Average : 1W Max

Peak : 2W Max

Group Delay Variation:

1.0ns max. over Fo +/- 3MHz

3.0ns max. over Fo +/- 6MHz

Mechanical

Mounting Method: SMT

Dimensions: 1.29 x .75 x .28 mm

Environmental

Operating Temperature: -20°C to +75°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.

Outline Drawing:

