



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

WCDMA Ceramic BPF

Part Number: AM2140B178



Electrical specifications

Center Frequency: 2140 MHz

Bandwidth: 80 MHz

Input / Output Impedance: 50 Ohms

Passband: 2100–2180 MHz

Passband Insertion Loss: 2100–2180 MHz 2.4 dB

Passband Ripple: 2100–2180 MHz 1.5 dB

Passband Return Loss: 2100–2180 MHz 10.0 dB

Rejection: 2010 MHz 30.0 dB

Rejection 2: 2190 MHz 15.0 dB

Rejection 3: 2210 MHz 30.0 dB

Power Handling: 2 Watt max.

Mechanical

Mounting Method: SMT

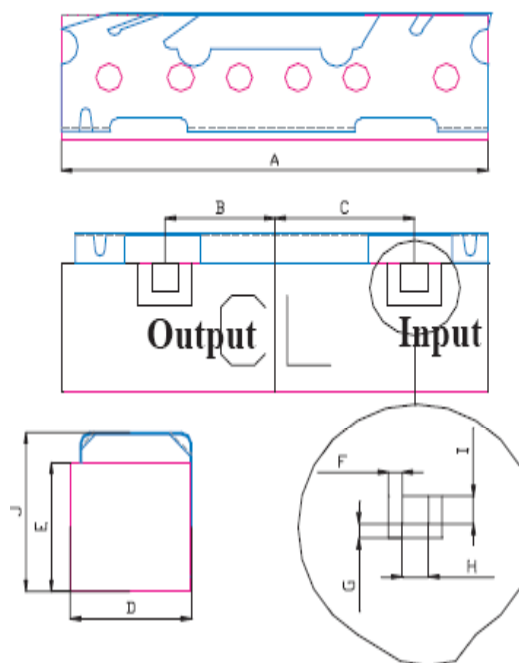
Dimensions: 16.42 x 6.03 x 4.85 mm

Environmental

Operating Temperature: -10°C to +80°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	16.42	max
B	4.20	0.13
C	5.30	0.13
D	4.85	max
E	4.90	max
F	0.51	0.13
G	0.51	0.13
H	1.02	0.13
I	1.02	0.13
J	6.03	max



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Response Plot:

