



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1575.42 / 1189.5 MHz Ceramic Duplexer

Part Number: AM1575-1189D1164



Electrical Specifications

CH 1 Center Frequency: 1575.42 MHz
CH 1 Bandwidth: 35 MHz Centered on Fo
CH 1 Insertion Loss (in BW): <4.2 dB
CH 1 Insertion Loss Flatness (over BW): <0.5 dB
CH 1 Return Loss (Over 100% of BW): >14 dB

CH 2 Center Frequency: 1189.5 MHz
CH 2 Bandwidth: 45 MHz Centered on Fo
CH 2 Insertion Loss (in BW): <2.0 dB
CH 2 Insertion Loss Flatness (over BW): <1.0 dB
CH 2 Return Loss (Over 100% of BW): >14 dB

Rejection: -50 dB @ 1000 MHz
-50 dB @ 1100 MHz
-50 dB @ 1278 MHz
-50 dB @ 1400 MHz
-50 dB @ 1504.42 MHz
-5 dB @ 1554.42 MHz
-15 dB @ 1605.42 MHz
-40 dB @ 1625.42 MHz
-50 dB @ 2000 MHz

In/Out Impedance: 50Ω

Mechanical

Mounting Method: SMT
Dimensions: 40 x 30 x 8 mm

Environmental

Operating Temperature: -30 to +85° C
Storage Temperature: -45 to +95° C



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Outline Drawing:

