



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**1575.42 MHz / 1189.5 MHz
Ceramic Duplexer**

Part Number: AM1575-1189D1167



Electrical Specifications

CH1 Center Frequency: 1575.42 MHz
CH1 Bandwidth: 35 MHz Centered on Fo
CH1 Insertion Loss in BW: 2.8 dB Max
CH1 Insertion Loss Flatness over BW: 0.5 dB
Max
CH1 Return Loss (over 100% BW): 14 dB Min

CH2 Center Frequency: 1189.5 MHz
CH2 Bandwidth: 45 MHz Centered on Fo
CH2 Insertion Loss in BW: 2.0 dB Max
CH2 Insertion Loss Flatness over BW: 1.0 dB
Max
CH2 Return Loss (over 100% BW): 14 dB Min

CH1 & CH2 Rejection: > -50 dB @ 1000 MHz
> -50 dB @ 1100 MHz
> -50 dB @ 1278 MHz
> -50 dB @ 1400 MHz
> -30 dB @ 1504.42 MHz
> -8 dB @ 1625.42 MHz
> -50 dB @ 2000 MHz

Mechanical

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

Environmental

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



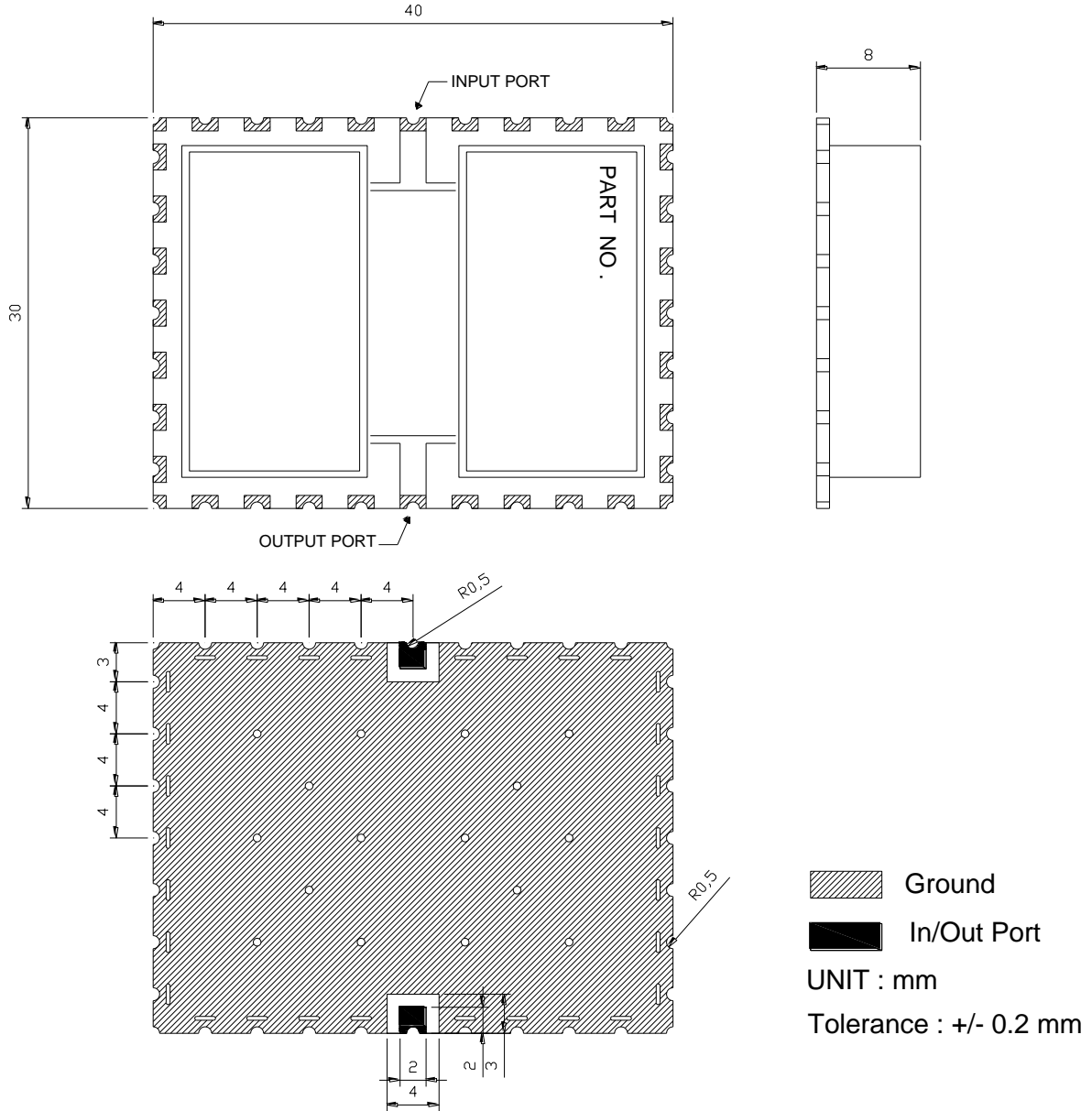
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Outline Drawing:





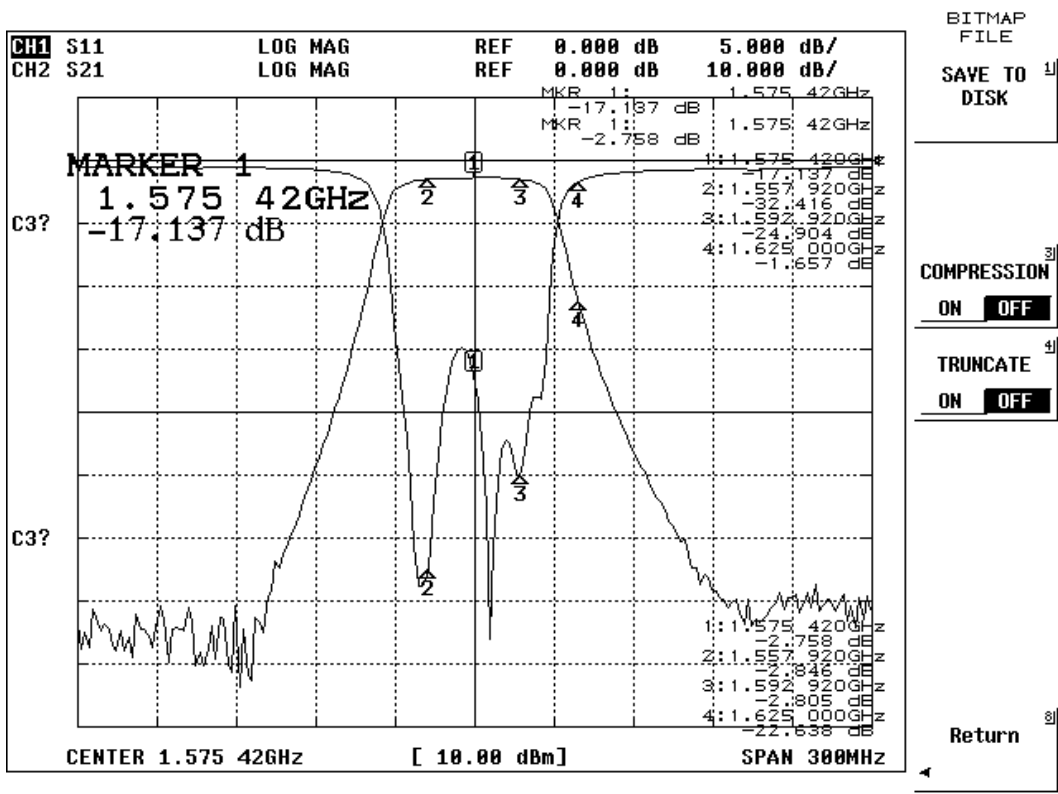
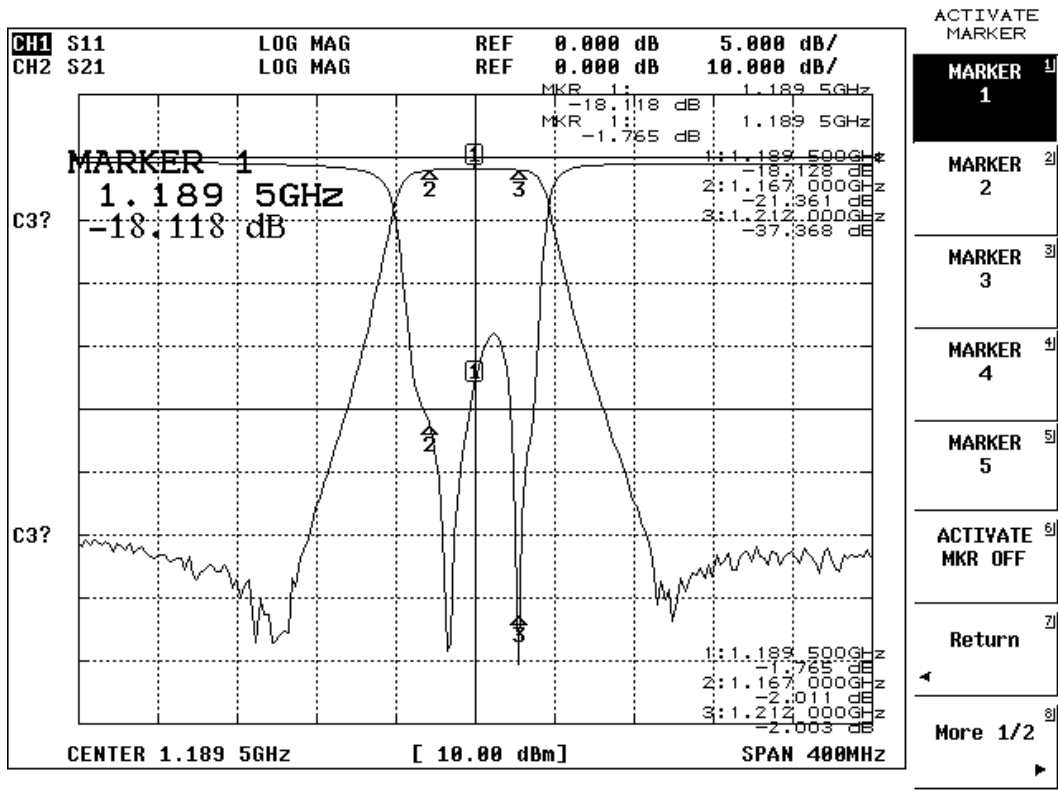
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Response Plot:





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