



**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:**

