



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**1557.92-1592.92 / 1167-1212 MHz
Ceramic Duplexer**

Part Number: AE1575-1189D1169



Electrical Specifications

- Band 1 Center (Fo):** 1575.42 MHz
- Band 1 BW:** 35 MHz centered on Fo
- Band 1 Insertion Loss:** 2.8 dB Max
- Band 1 IL Flatness over BW:** 0.5 dB Max
- Band 1 Return Loss (100% of BW):** 14 dB Min
- Band 2 Center (Fo):** 1189.5 MHz
- Band 2 BW:** 45 MHz centered on Fo
- Band 2 Insertion Loss:** 2.0 dB Max
- Band 2 IL Flatness over BW:** 1.0 dB Max
- Band 2 Return Loss (100% of BW):** 14 dB Min
- Rejection (Band 1 & 2):** -50 dB Min @ 1000 MHz
 - 50 dB Min @ 1100 MHz
 - 50 dB Min @ 1278 MHz
 - 50 dB Min @ 1400 MHz
 - 30 dB Min @ 1504.42 MHz
 - dB Min @ 1554.42 MHz
 - dB Min @ 1605.42 MHz
 - 8 dB Min @ 1625.42 MHz
 - 50 dB Min @ 2000 MHz

Mechanical

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

Environmental

- Operating Temperature:** -30 to +85°C
- Storage Temperature:** -50 to +95°C

Outline Drawing:

