



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 1227/1575 MHz Ceramic Duplexer

## Part Number: AM1227-1575D1094



| <u>Characteristics</u>           | <u>Band 1</u> | <u>Band 2</u> |
|----------------------------------|---------------|---------------|
| <b>Passband:</b>                 | 1212-1242 MHz | 1560-1590 MHz |
| <b>Bandwidth:</b>                | Fo ± 15 MHz   | Fo ± 15 MHz   |
| <b>Passband Return Loss:</b>     | 14 dB min     | 14 dB min     |
| <b>Passband Insertion Loss:</b>  | 0.8 dB max    | 0.8 dB max    |
| <b>Passband Ripple:</b>          | 0.5 dB max    | 0.5 dB max    |
| <b>Input / Output Impedance:</b> | 50 Ohms       | 50 Ohms       |
| <b>Isolation:</b>                | 20 dB min     | 20 dB min     |
| <b>Power Handling:</b>           | 1 W           | 1 W           |

| <u>Mechanical</u>       |                  |
|-------------------------|------------------|
| <b>Mounting Method:</b> | SMT              |
| <b>Dimensions:</b>      | 19 x 11 x 4.8 mm |

| <u>Environmental</u>          |                  |
|-------------------------------|------------------|
| <b>Operating Temperature:</b> | -30 to +85 deg.C |
| <b>Storage Temperature:</b>   | -50 to +90 deg.C |

This product is RoHs compliant.

### Outline Drawing:

