



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

# 737 / 707 MHz Ceramic Duplexer

**Part Number: AM737-707D1129**



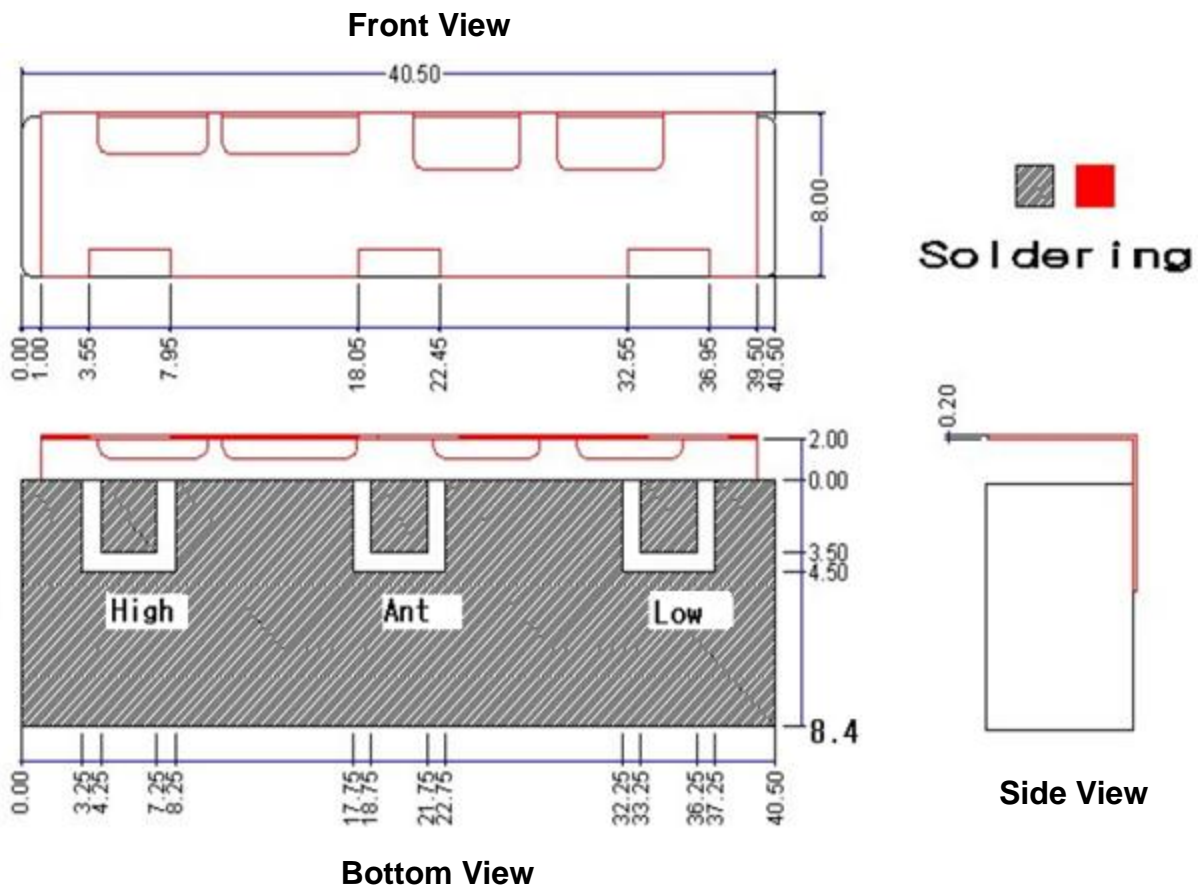
| <u>Characteristics</u>           | <u>High Band</u> | <u>Low Band</u> |
|----------------------------------|------------------|-----------------|
| <b>Passband:</b>                 | 728-746 MHz      | 698-716 MHz     |
| <b>Bandwidth:</b>                | 18 MHz           | 18 MHz          |
| <b>Passband Return Loss:</b>     | 12.0 dB min      | 12.0 dB min     |
| <b>Passband Insertion Loss:</b>  | 3.0 dB max       | 3.0 dB max      |
| <b>Passband Ripple:</b>          | 1.2 dB max       | 1.2 dB max      |
| <b>Input / Output Impedance:</b> | 50 Ohms          | 50 Ohms         |
| <b>Isolation:</b>                | 40 dB min        | 40 dB min       |
| <b>Power Handling:</b>           | 3 W max          | 3 W max         |

| <u>Mechanical</u>       |                      |
|-------------------------|----------------------|
| <b>Mounting Method:</b> | SMT                  |
| <b>Dimensions:</b>      | 40.50 x 40.50 x 8 mm |

| <u>Environmental</u>          |                  |
|-------------------------------|------------------|
| <b>Operating Temperature:</b> | +5 to +70 deg.C  |
| <b>Storage Temperature:</b>   | -50 to +90 deg.C |

**This product is RoHs compliant.**

## Outline Drawing:



Rev. A 1/16/12