



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

# 3318/3394 MHz Ceramic Duplexer

**Part Number: AM3318-3394D530**



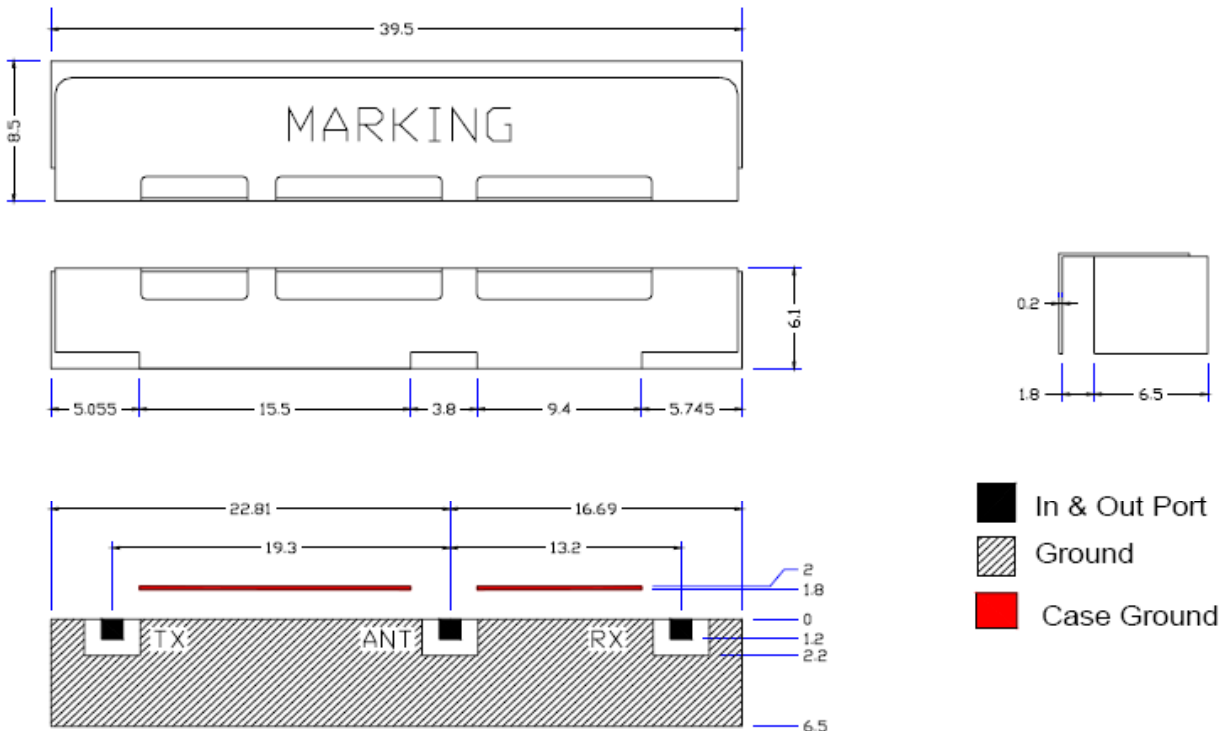
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	3312-3324 MHz	3388-3400 MHz
<b>Bandwidth:</b>	12 MHz	6 MHz
<b>Passband Return Loss:</b>	15.0 dB min	15.0 dB min
<b>Passband Insertion Loss:</b>	3.0 dB	3.0 dB
<b>Passband Ripple:</b>	1.0 dB max	1.0 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	50 dB min	50 dB min
<b>Power Handling:</b>	5 W	5 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	39.5 x 8.5 x 6.1 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +85 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

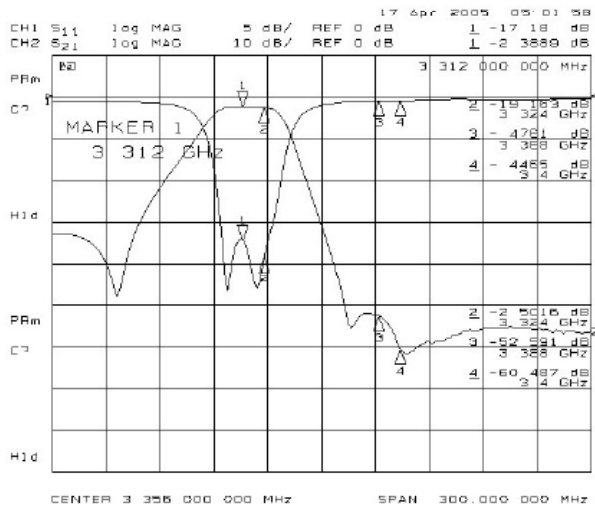
## Outline Drawing:



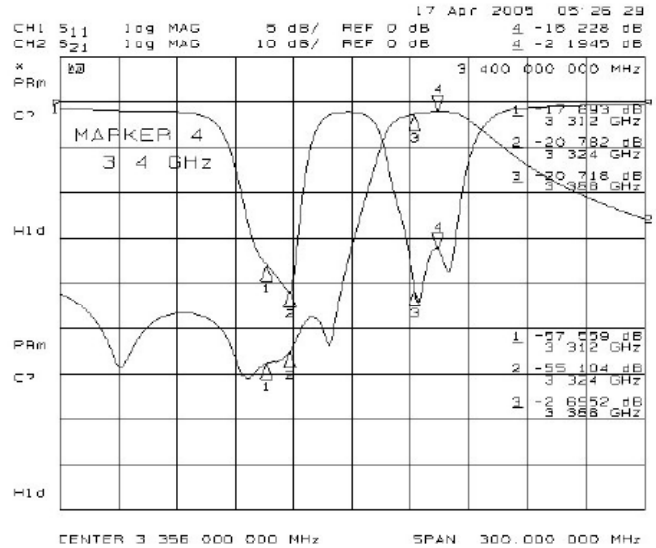


**Response Plot:**

**S21 & S11 (TX Passband)**



**S21 & S11 (RX Passband)**



**S21 & S11 (TX - Rx Isolation)**

