



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

# 3318/3394 MHz Ceramic Duplexer

## Part Number: AM3318-3394D530



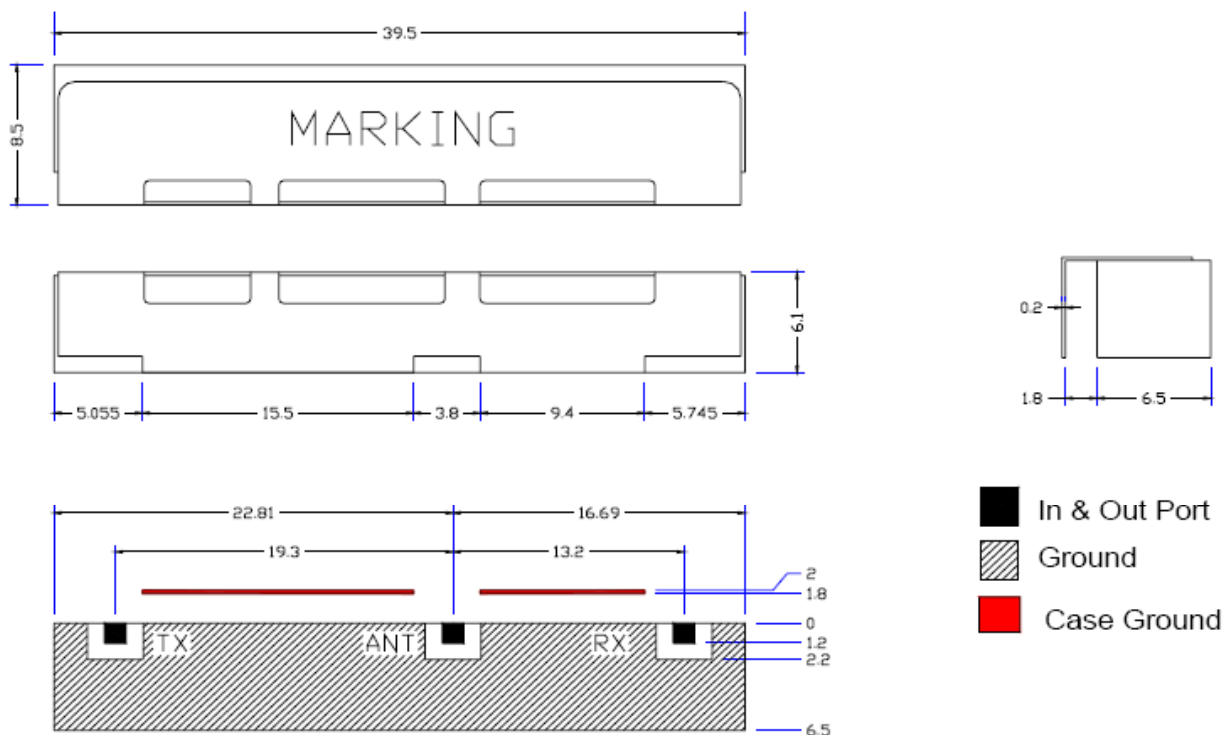
<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	3312-3324 MHz	3388-3400 MHz
Bandwidth:	12 MHz	6 MHz
Passband Return Loss:	15.0 dB min	15.0 dB min
Passband Insertion Loss:	3.0 dB	3.0 dB
Passband Ripple:	1.0 dB max	1.0 dB max
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	50 dB min	50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

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

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

This product is RoHs compliant.

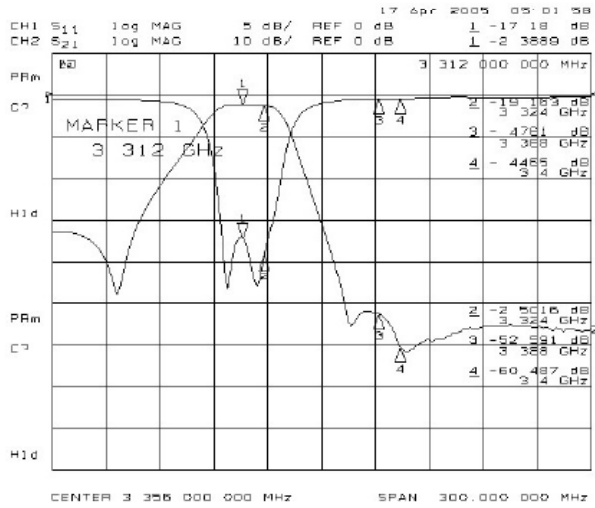
### Outline Drawing:



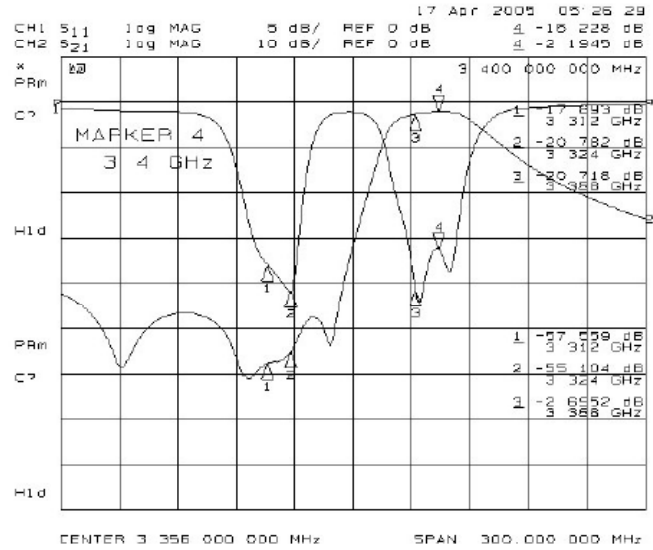


**Response Plot:**

**S21 & S11 (TX Passband)**



**S21 & S11 (RX Passband)**



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

