



# 6000 / 9000 / 12000 MHz Cavity Triplexer

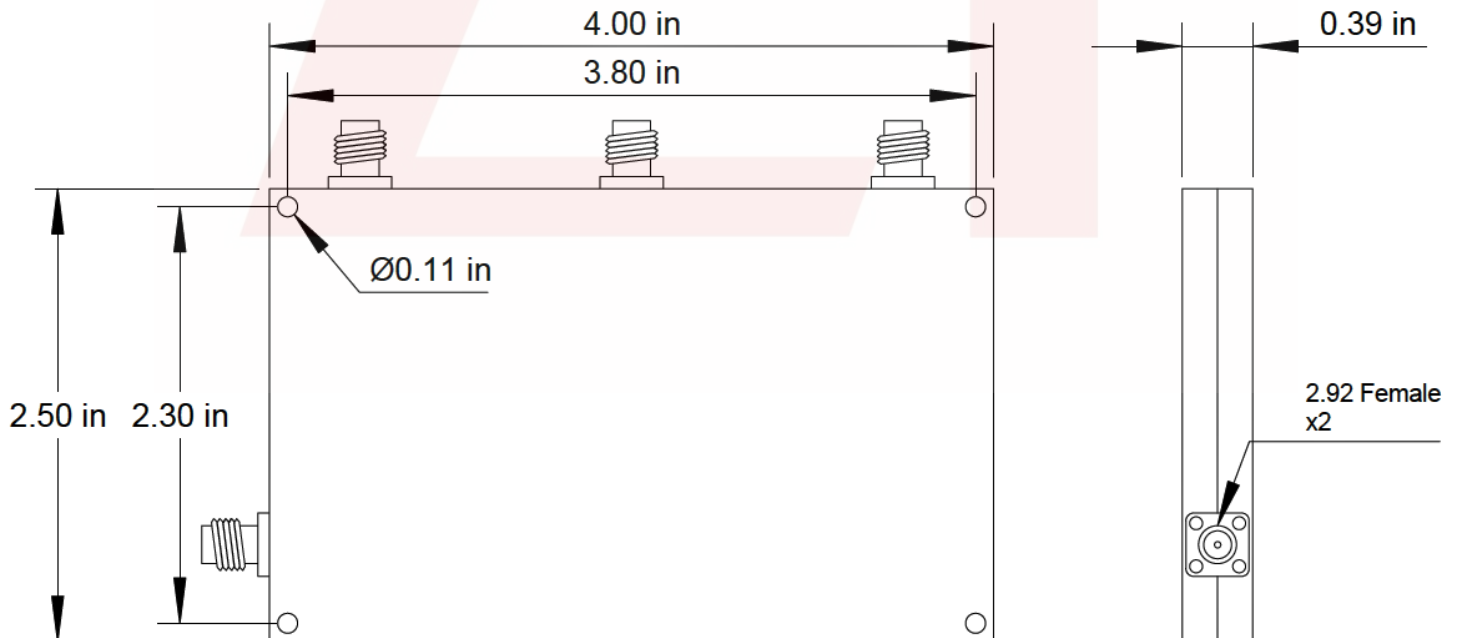


**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AE6000-9000-12000TR1292-10**

Characteristics	Band 1	Band 2	Band 3
Frequency range:	DC-6000 MHz	6000-12000 MHz	12000-18000 MHz
Insertion loss:	2.0 dB Max @ DC – 5500 MHz	2.0 dB Max @ 6500-11500 MHz	2.0 dB Max @ 12500-18000 MHz
VSWR:	2.0 dB @ DC – 5500 MHz	2.0 dB @ 6500-11500 MHz	2.0 dB @ 12500-18000 MHz
Attenuation at crossover frequency:	10 ± 1 dB @ 6000 MHz	10 ± 1 dB @ 6000 MHz, 12000 MHz	10 ± 1 dB @ 12000 MHz
Rejection:	40 dB Min @ 7000-18000 MHz	40 dB Min @ DC-5000 MHz, 13500-18000 MHz	40 dB Min @ DC-10500 MHz
Impedance:	50 Ohms In/Out		
Dimensions:	4.0 x 2.50 x 0.39 Inches		
Connector Type:	2.92mm Female		
Operating Temp.	-45 to +85 deg.C		
Storage Temp.	-55 to +95 deg.C		
Shock:	20 G. 11ms		
Vibration:	20 G. 5 to 200 Hz		

## Outline Drawing:



DS-TR1293-06292023-Rev0