



DC-8500 MHz / 10700-14000 MHz Diplexer



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

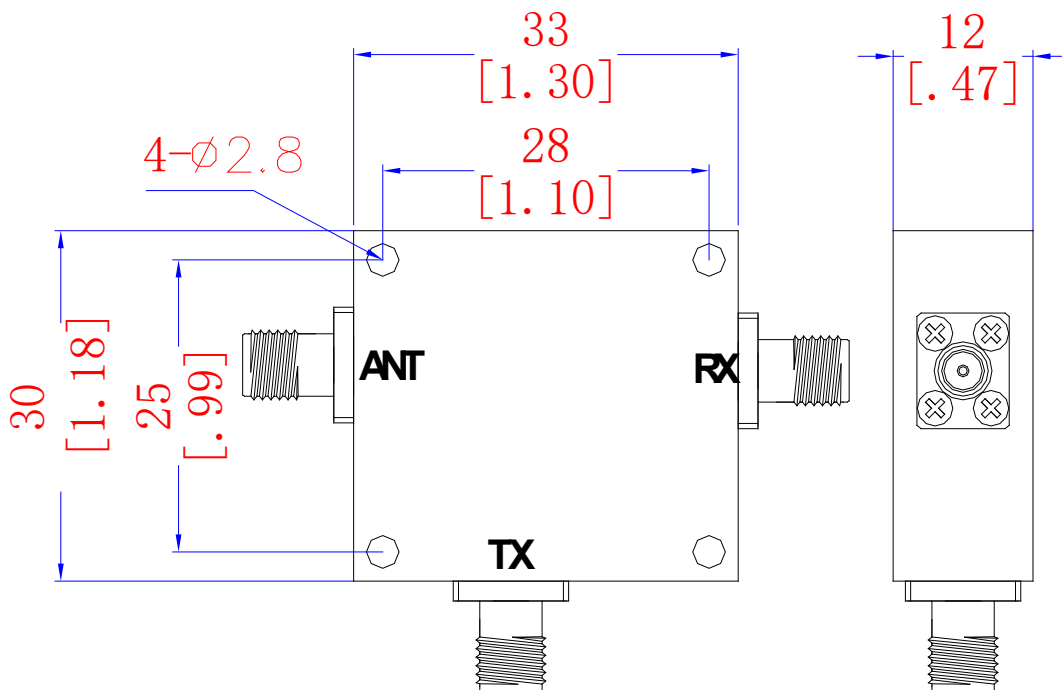
Part Number: AE8500-10700DP8002

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>
Passband (PB):	DC-8500 MHz	10700-14000 MHz
Return Loss in (PB):	11 dB Min.	11 dB Min.
Insertion Loss in (PB):	1.5 dB Max.	1.5 dB Max.
Isolation:	30 dB Min.	30 dB Min.
Power Handling:	5 Watts	5 Watts
Input / Output Impedance:	50 Ohms	50 Ohms

<u>Mechanical</u>	
Mounting Method:	Through Holes
Connector Type:	SMA(F)
Dimensions:	1.3 x 1.18 x 0.47 in.
Dimensions:	33 x 30 x 12 mm.

<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-55 to +85 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.