



1802.5 MHz/2072.5 MHz/2250 MHz Triplexer

Part Number: AE1802-2072-2250TR1278



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Parameter	Specification		
	P2	P3	P4
Center Frequency :	1802.5 MHz	2072.5 MHz	2250 MHz
Frequency Range :	1732.5 – 1872.5 MHz	2002.5 – 2142.5 MHz	2180 – 2320 MHz
IL (max) :	1.0dB Max	1.1dB Max	1.2dB Max
Ripple (max) :	0.4dB Max		
Return Loss BW (min) :	15.0dB Min		
Port 2 to 4 isolation :	90dB Min @ 2200 - 2300 MHz	-	-
Port 3 to 4 isolation :	-	90dB Min @ 2200 - 2300 MHz	-
Attenuation @ 2 Fo (min) :	60dB Min @ 3.5GHz	60dB Min @ 4.05GHz	-
Attenuation @ 3 Fo (min) :	80dB Min @ 5.25GHz	80dB Min @ 6.075GHz	-
Attenuation @ 5 Fo (min) :	50dB Min @ 8.75GHz	50dB Min @ 10.125GHz	-
Rejection: < 2.1 MHz(min)	-	-	80 dB Min
Rejection:1750 -1855MHz (min)	-	-	85 dB Min
Rejection:2025 -2120MHz (min)	-	-	86 dB Min
Rejection: 2350MHz (min)	-	-	50 dB Min
Rejection: 2400MHz (min)	-	-	70 dB Min
Rejection: 5700MHz (min)	-	-	70 dB Min
Rejection:>6000MHz-10000MHz	-	-	50 dB Min
Input Power (max) :	15W Max		
Impedance :	50 ohm		
Connectors :	SMA(F)		
Temp Range :	-20 ~ 75°C		
Dimensions :	6.50 x 5.9 x 1.378 in		



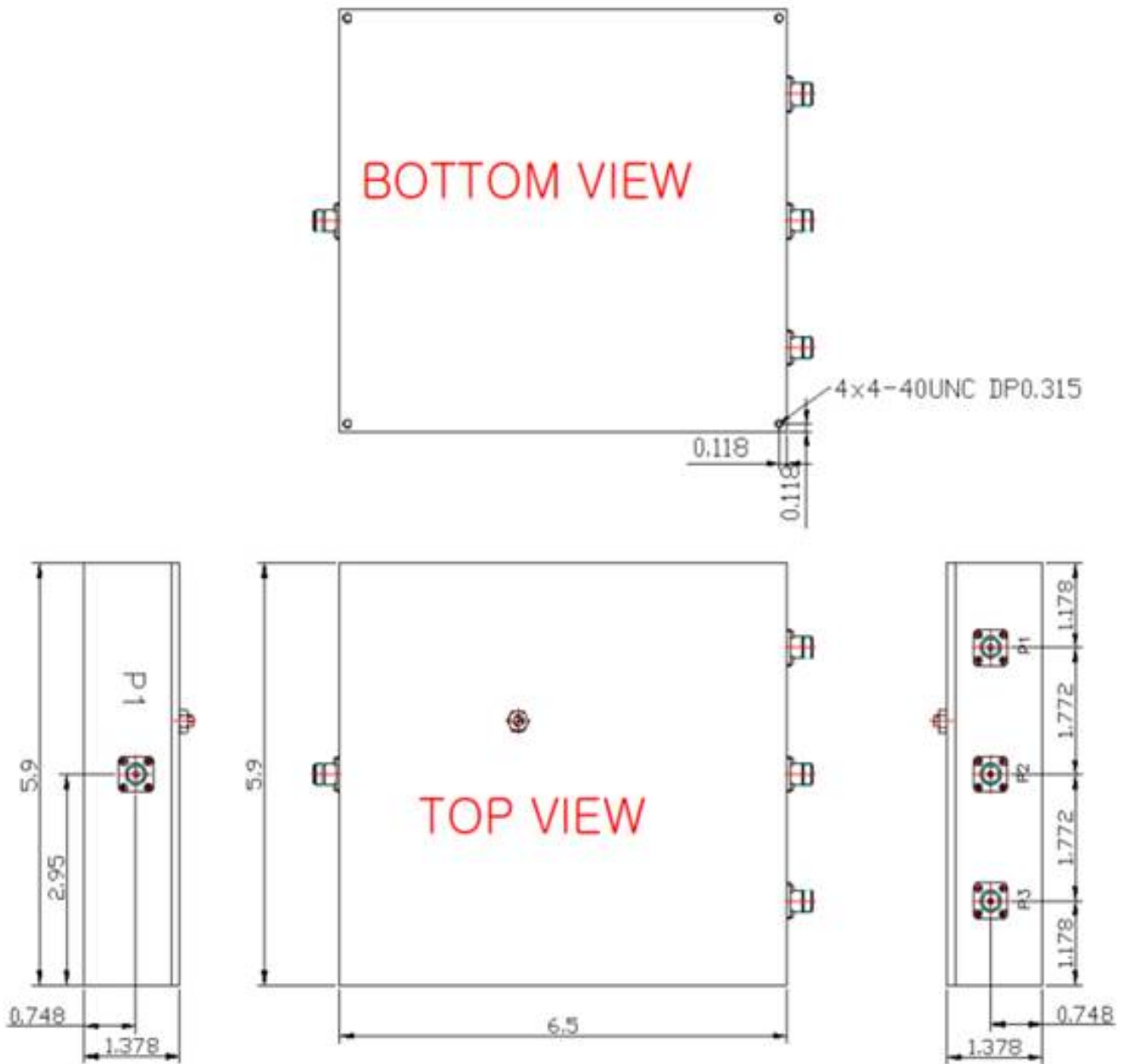
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Outline Drawing:



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.

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