



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

838-950 MHz/1095-1365 MHz/1536-1627 MHz / 2285-2515 MHz Multiplexer

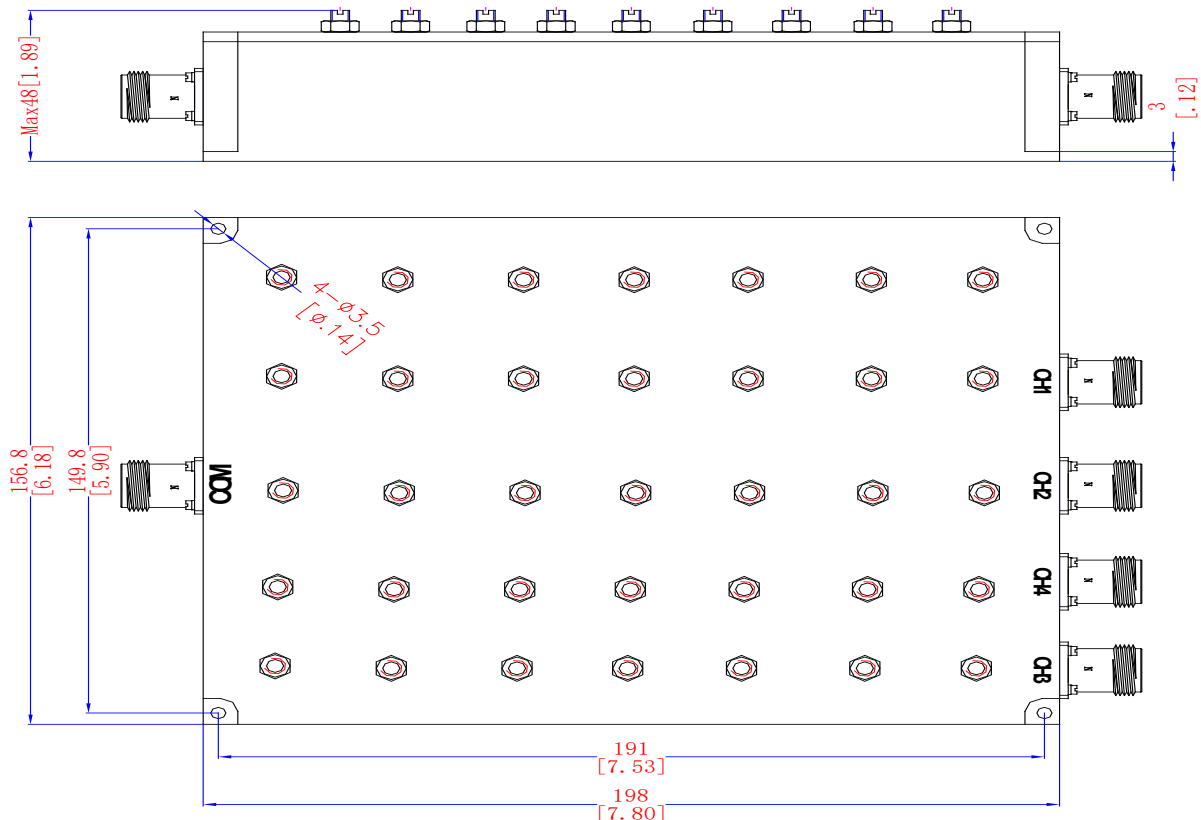


Part Number: AE894-1230-1581-2400MP1023

Electrical specifications

	COM—CH1	COM—CH2	COM—CH3	COM—CH4
Frequency Range:	838-950 MHz	1095-1365 MHz	1536-1627 MHz	2285-2515 MHz
Insertion Loss:	≤0.8dB	≤0.8dB	≤0.8dB	≤0.8dB
Ripple:	≤0.5dB	≤0.5dB	≤0.5dB	≤0.5dB
Return Loss:	≥12dB	≥12dB	≥12dB	≥12dB
Isolation:	≥45dB	≥45dB	≥45dB	≥45dB
Rejections:	≥60dB @ 765 MHz ≥60dB @ 1040 MHz	≥60dB @ 985 MHz ≥60dB @ 1515 MHz	≥60dB @ 1440 MHz ≥60dB @ 1730 MHz	≥60dB @ 1890 MHz ≥60dB @ 3035 MHz
Power handling:	150 Watts			
Dimensions :	7.8 x 6.18 x 1.89 inches			
Port Connectors:	N-type-Female (50Ω)			
Operating Temperature:	-20°C to +50°C			
Storage Temperature:	-40°C to +70°C			

Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]

3 decimal places: +/- 0.005 inches [+/- 0.13mm]

Angles: +/- 1 Deg.

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