ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1880 MHz / 1960 MHz Ceramic Duplexer

Part Number: AM1900D735

ISO 9001 REGISTERED FIRM

Electrical Specifications:

Parameters Description	Frequency (MHz)	Typical	Spec. Over -40°C to +85°C
TX to Antenna Response			
Passband Insertion Loss	1850-1910	2.6 dB	3.2 dB Max
Passband Return Loss @ TX	1850-1910	13.5 dB	10.0 dB Min
Passband Return Loss @ ANT	1850-1910	13.5 dB	10.0 dB Min
Passband Ripple	1850-1910	2.1 dB	2.6 dB Max
Attenuation	1930-1990	43.0 dB	40.0 dB Min
Antenna to RX Response			
Passband Insertion Loss	1930-1990	2.9 dB	3.55 dB Max
Passband Return Loss @ RX	1930-1990	13.5 dB	10.0 dB Min
Passband Return Loss @ ANT	1930-1990	13.5 dB	10.0 dB Min
Passband Ripple	1930-1990	2.1 dB	2.6 dB Max
Attenuation	1850-1910	51.0 dB	48.0 dB Min
TX to RX Response			
Rejection @ TX Band	1850-1910	52.5 dB	50.0 dB Min
Rejection @ RX Band	1930-1990	45.0 dB	42.5 dB Min
Power Rating	-	-	2 Watts Max

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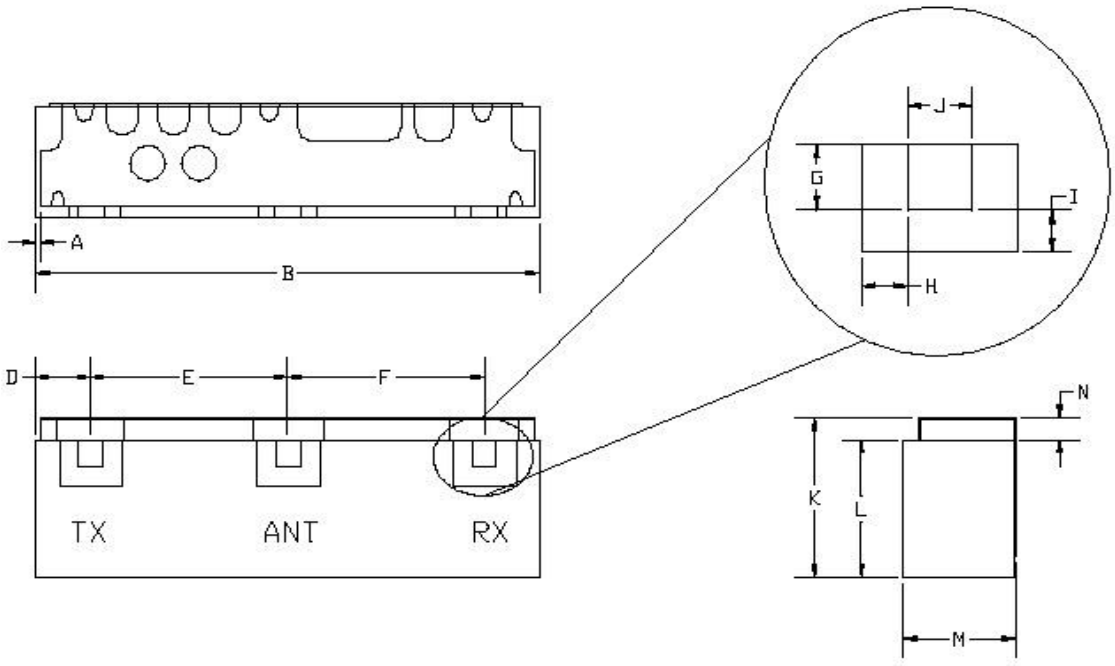
Outline Drawing:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
*A	0.13	0.13
B	19.92	max
D	2.20	0.25
E	7.70	0.13
F	7.70	0.13
G	0.89	0.13
H	0.76	0.13
I	0.76	0.13
J	0.89	0.13
K	6.45	max
L	5.37	0.2
M	4.60	max
N	0.76	0.13
*Indicates Reference Only		

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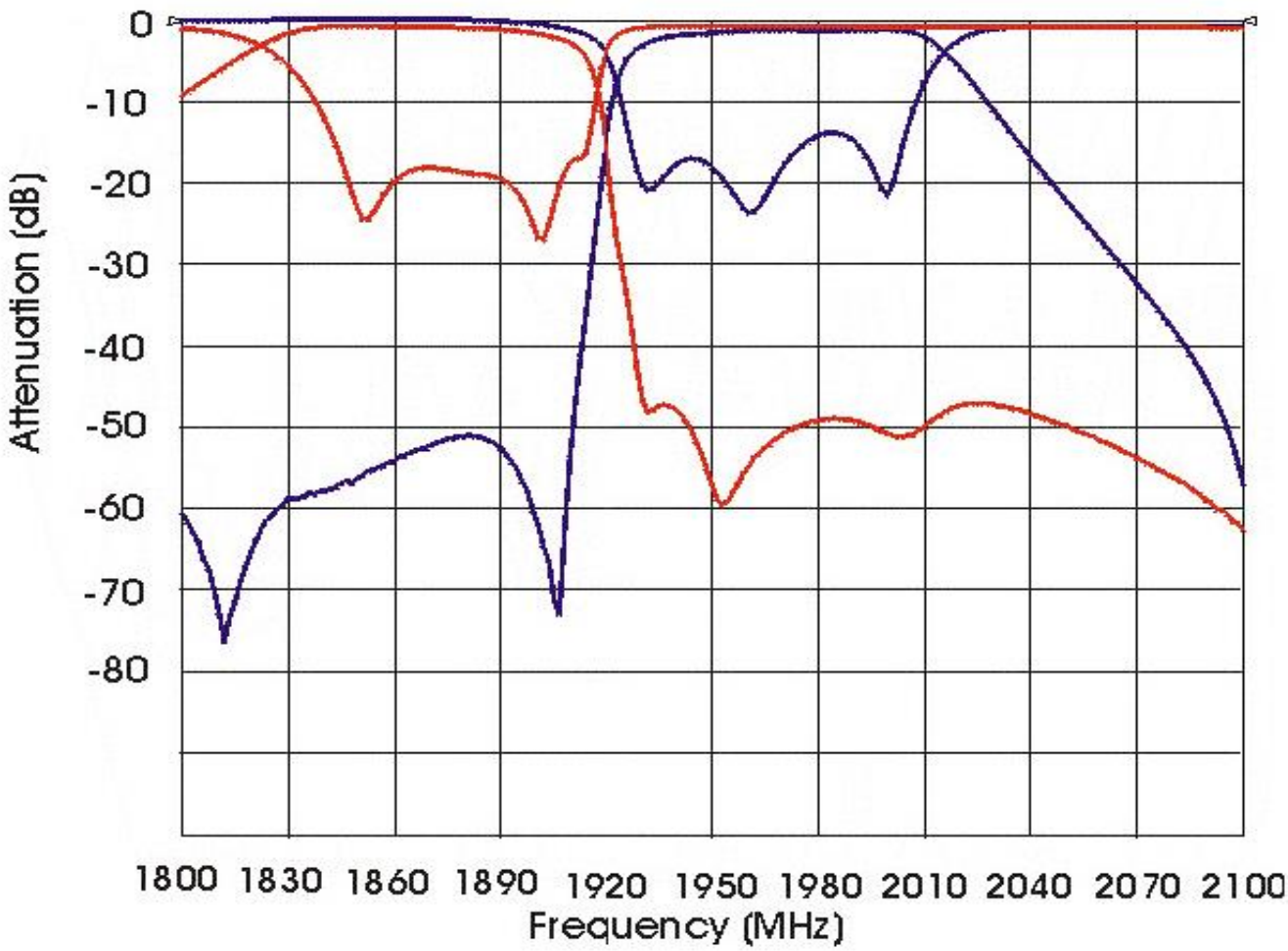
Response Plot:



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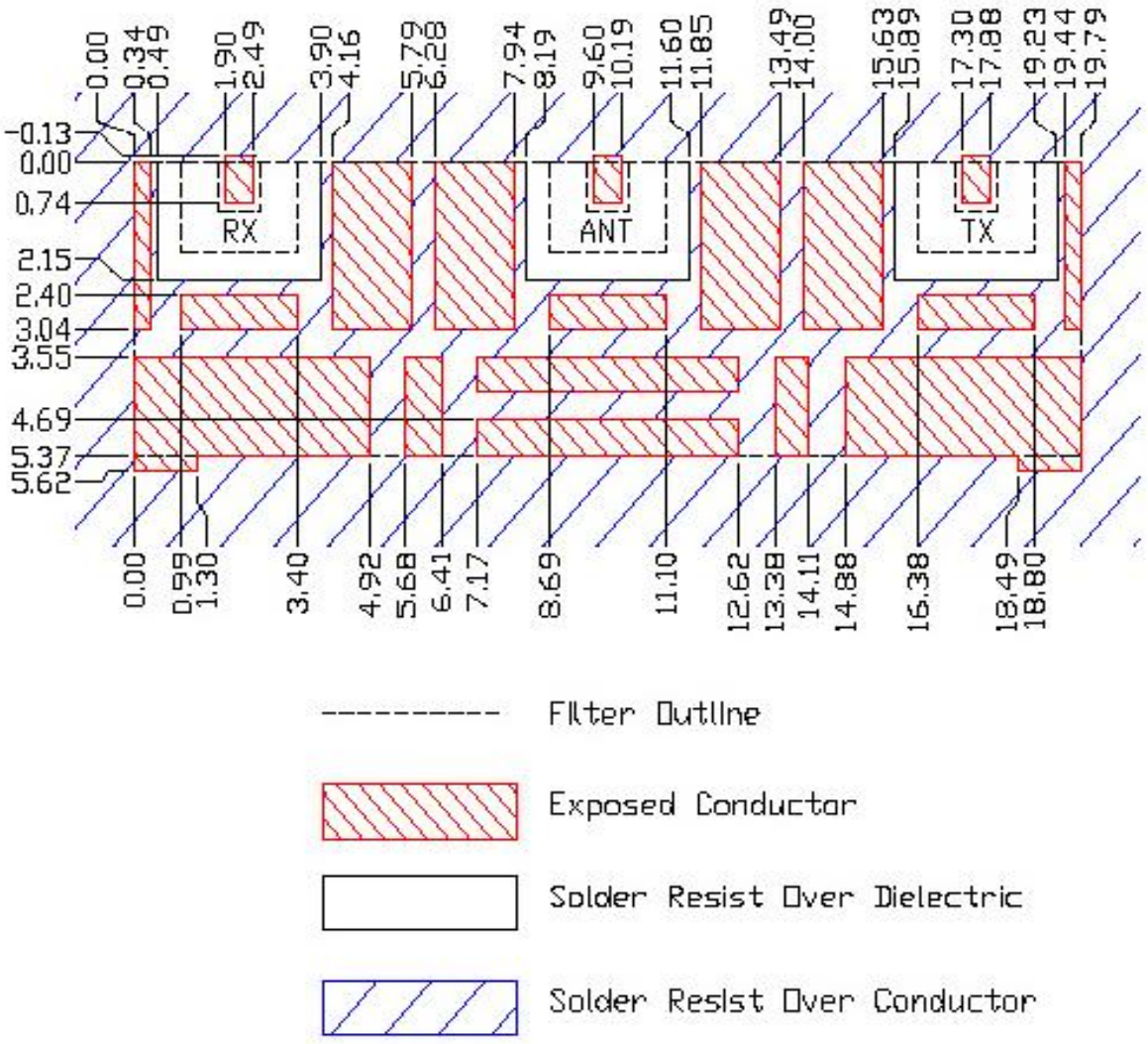
PCB Layout:



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