

DSUB FILTERS



Features

Available in 9, 15, and 25 shell sizes
Pi type filters in a full range of capacitance values

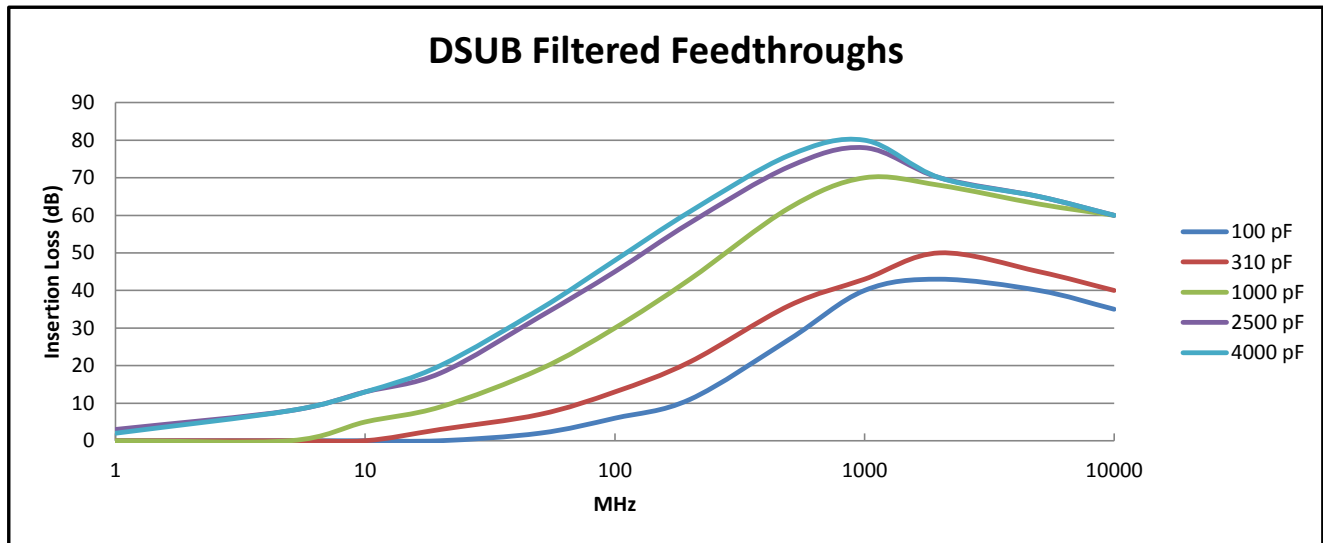


Electrical Specifications

Current Rating	5 Amps
RF Current Rating	0.3 Amps
Contact Resistance	10 Milliohms maximum

Mechanical Specifications

Shell	Zinc diecast, nickel plated 150 u inches (3.81 um) min.
Insulators	Glass-filled polyester, flammability UL94 V-0
Pin Contacts	Copper alloy CA725, 15 microinch (0.38 um) gold plated over nickel
Socket Contacts	Copper alloy CA725, 30 microinch (0.76 um) gold plated over nickel
Terminations	Gold flash for PCB mount and solder cups. Solder dipped also available
Ground Plane	Brass, solder plated
Operating Temperature	-55 degreeC to +125 degree C
Capacitors	Proprietary barium titanate ceramic formulations



Minimum Insertion Loss for Dsub Filtered Feedthroughs (MHz)

Capacitance	1	5	10	20	50	100	200	500	1000	2000	5000	10000	3dB Cut-off
100 pF	0	0	0	0	2	6	11	27	40	43	40	35	32 MHz
310 pF	0	0	0	3	7	13	21	36	43	50	45	40	17 MHz
1000 pF	0	0	5	9	19	30	43	62	70	68	63	60	3.2 MHz
2500 pF	3	8	13	18	33	45	58	73	78	70	65	60	1.3 MHz
4000 pF	2	8	13	20	35	48	61	76	80	70	65	60	0.8 MHz