

Rectangular Split Ferrites for Round Cables (7000 Series – MSC)

Product Summary

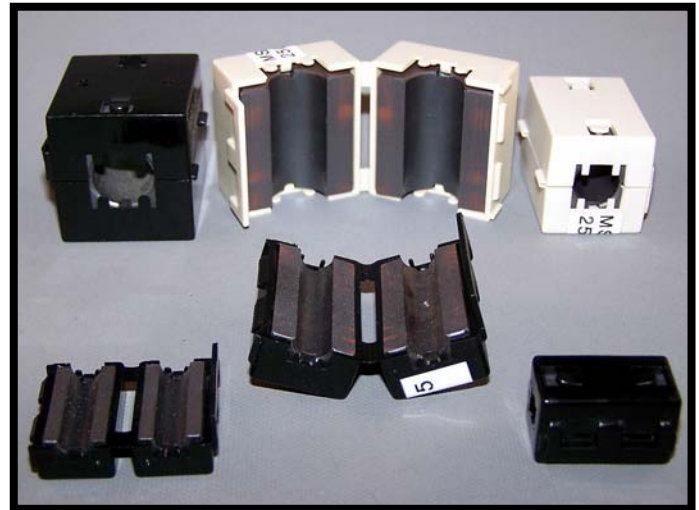
Housed in a rugged plastic case, these 850-Perm Nickel Zinc ferrites are designed to attenuate and suppress unwanted broadband RF noise with no loss of power or signal strength.

Product Application

Installed at any time in production, this series is designed to grip one or more round cables up to .550 in. or 14.0mm. 4 primary sizes, all will provide suppression on one or more cables through the same ferrite from 1MHz through 1GHz. Highest attenuation points will be above 100MHz, see charts for actual performance.

MAJR Products MSC - Series can be supplied with Acrylic Adhesive mounting tape for secure attachment to chassis or for cable routing ease (small additional charge); (add an "A" to P/N, i.e. MSC-10 X 20 X 5A).

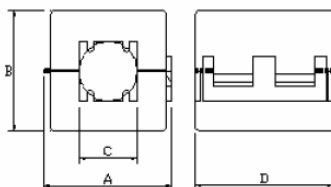
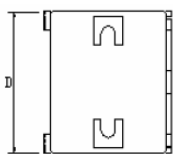
This product works best when installed as closely to the "victim" piece of equipment as practical to suppress both conducted and radiated noise on the cable.



Product Technical Data

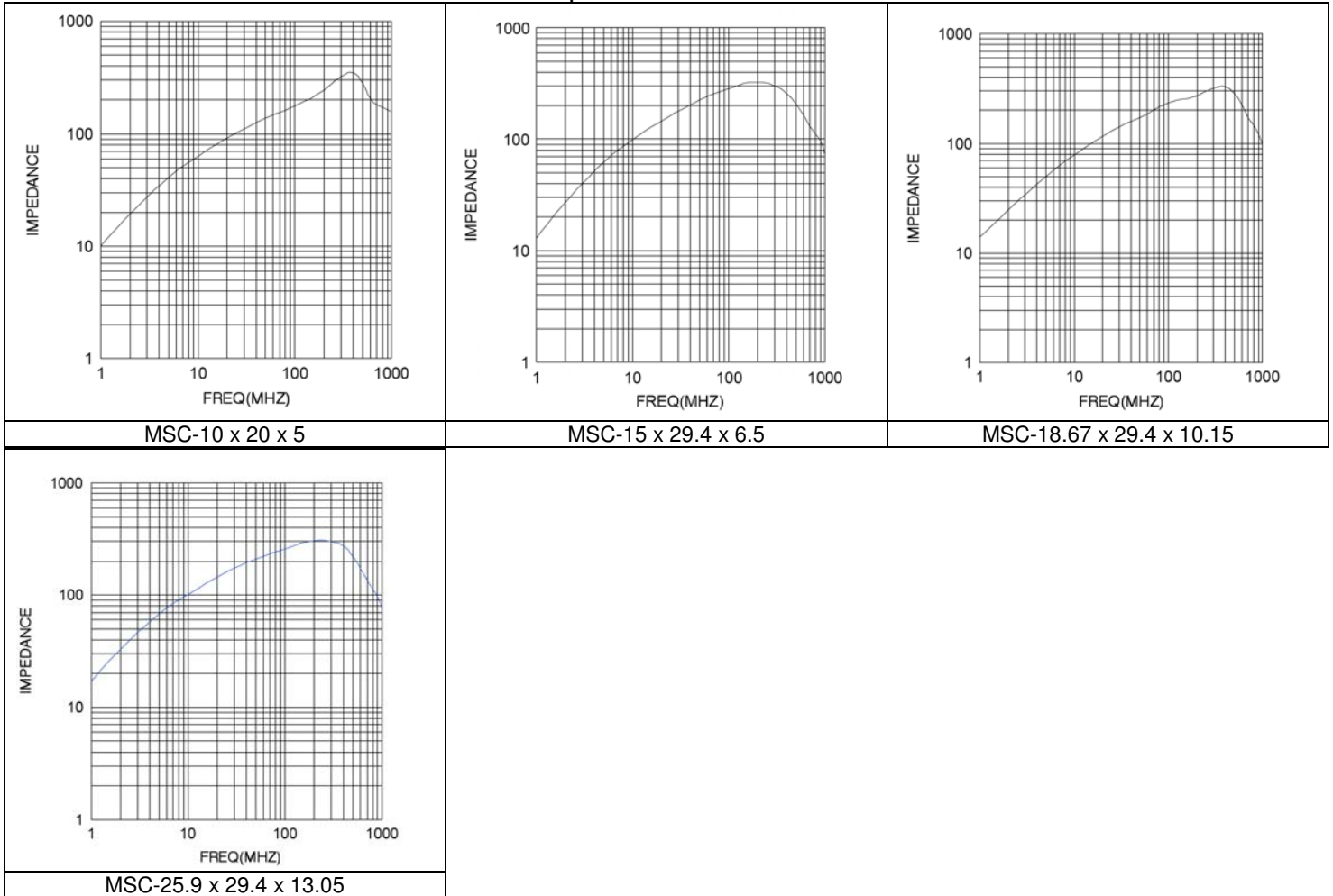
Figure	P/N	A	B	C	D	Impedance In OHMS		
						25 MHz	100 MHz	Peak
1	MSC-10 x 20 x 5	15 mm	14 mm	6 mm	23 mm	Z ₁ = 105	Z ₂ = 170	350 Ohm @ 400 MHz
2	MSC-15 x 29.4 x 6.5	20.5 mm	20 mm	7.5 mm	33 mm	Z ₁ = 180	Z ₂ = 275	300 Ohm @ 200 MHz
3	MSC-18.67 x 29.4 x 10.15	25.5 mm	23.5 mm	11.5 mm	32.5 mm	Z ₁ = 130	Z ₂ = 240	300 Ohm @ 400 MHz
4	MSC-25.9 x 29.4 x 13.05	31.5 mm	31.1 mm	14 mm	32.5 mm	Z ₁ = 150	Z ₂ = 250	200 Ohm @ 250 MHz

Figures 1-4



Rectangular Split Ferrites for Round Cables (7000 Series – MSC) (Cont.)

Impedance Charts



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