

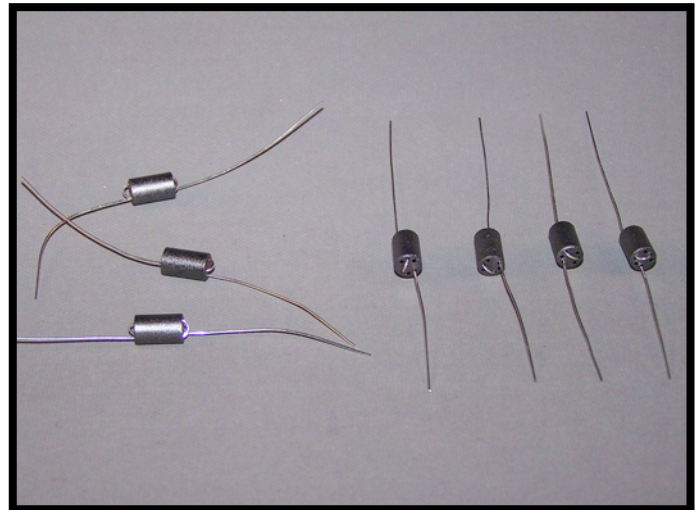
Pre-Wired Multi-Turn, Wide Band Ferrite Chokes (7R61-Series)

Product Summary

A family of 5 parts, 6-hole cores with multiple winding configurations to provide very high Z (impedance) at lower frequencies.

Product Application

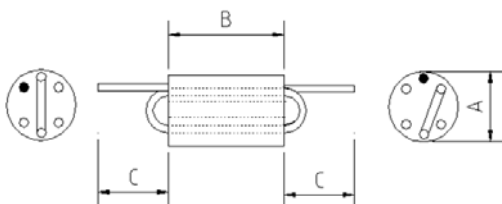
Typically used to filter inputs on thru-hole PC Boards, our 7R61 Series is a popular and low-cost solution to many requirements for efficient filtering. 4-versions provide increasing levels of impedance for one-line, 1 version provides 450Ω@100MHz for two adjacent lines in a common-mode application. Can eliminate the needs for expensive selectively filtered connectors, can filter DC power lines up to 4A, can filter common-mode EMI on high speed differential lines in network and SCSI systems.



Product Technical Data

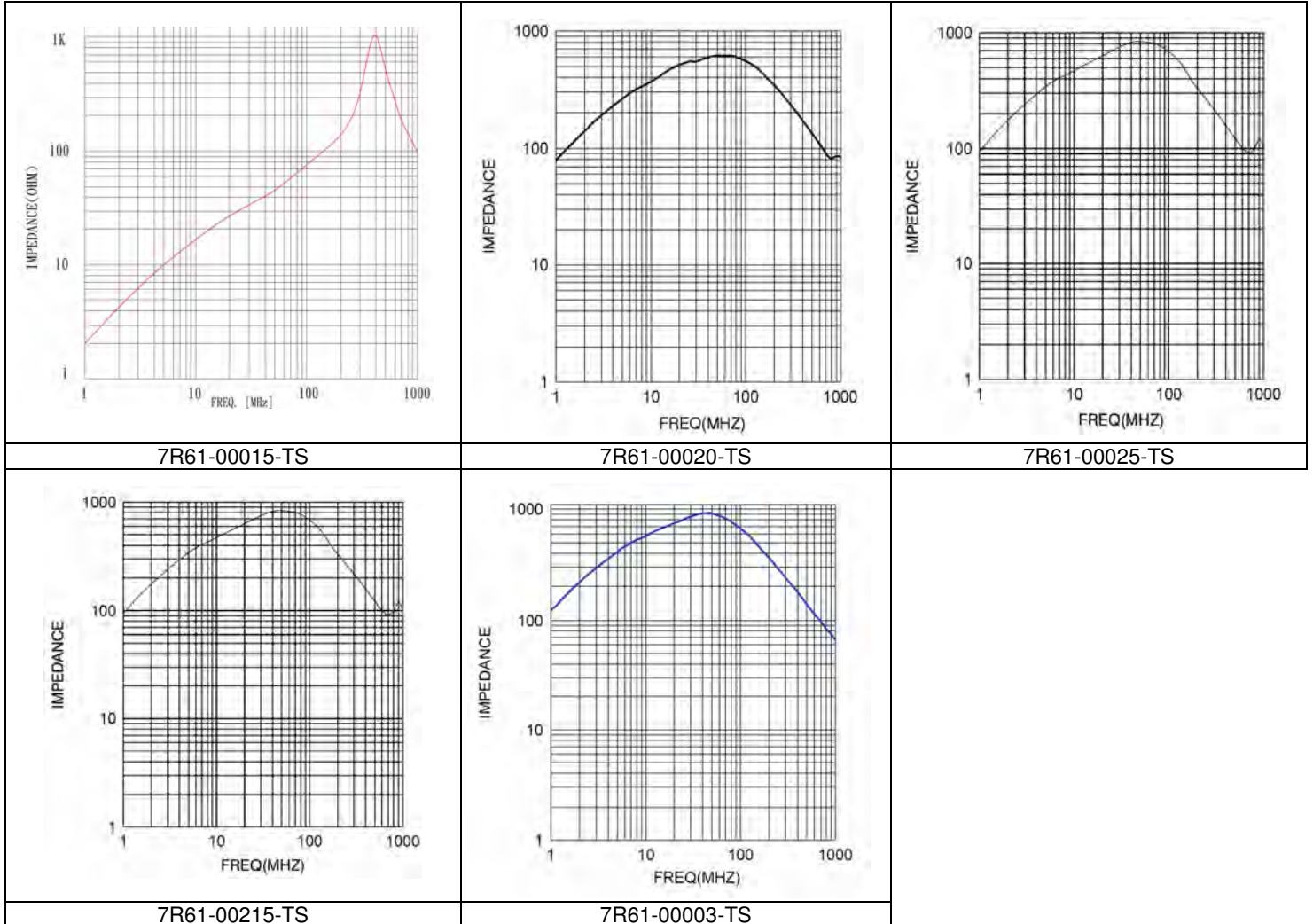
Figure	P/N	A	B	C	Impedance In Ohms		
					25 MHz	100 MHz	Peak
1	7R61-00015-TS	6 mm	10 mm	0.85 mm	Z ₁ = 257	Z ₂ = 345	1000 Ohm @ 400 MHz
2	7R61-00020-TS	6 mm	10 mm	0.85 mm	Z ₁ = 374	Z ₂ = 443	600 Ohm @ 40 MHz
3	7R61-00025-TS	6 mm	10 mm	0.85 mm	Z ₁ = 514	Z ₂ = 497	800 Ohm @ 45 MHz
4	7R61-00215-TS	6 mm	10 mm	0.85 mm	Z ₁ = 400	Z ₂ = 600	800 Ohm @ 45 MHz
5	7R61-00003-TS	6 mm	10 mm	0.85 mm	Z ₁ = 668	Z ₂ = 521	800 Ohm @ 45 MHz

Mechanical dimensional diagram A,B and C



Pre-Wired Multi-Turn, Wide Band Ferrite Chokes (7R61-Series), Cont.

Impedance Charts (Figures #1 through #5)



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