

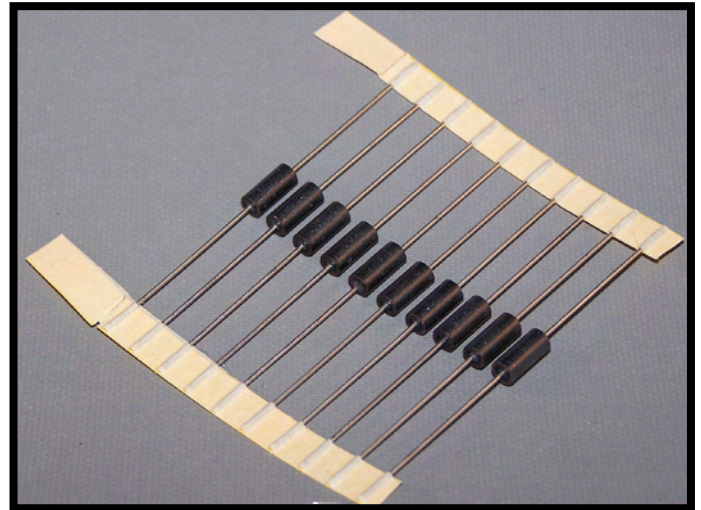
## Axial Leaded Ferrite Cores, Taped and Reeled (70RI-Series)

### Product Summary

Easiest and most common economical 850-Perm Nickel Zinc small Ferrite beads on leads designed to attenuate and suppress unwanted broadband RF noise with no loss of power or signal strength.

### Product Application

These cores are supplied taped and reeled suitable for automatic insertion into P.C. boards. They are rated to handle current to 6 Amps. Useful for any on board requirements for broadband suppression with highest ratings above 600 MHz. 7 parts in this family, all same diameters with varying length based on impedance needs of the circuit.



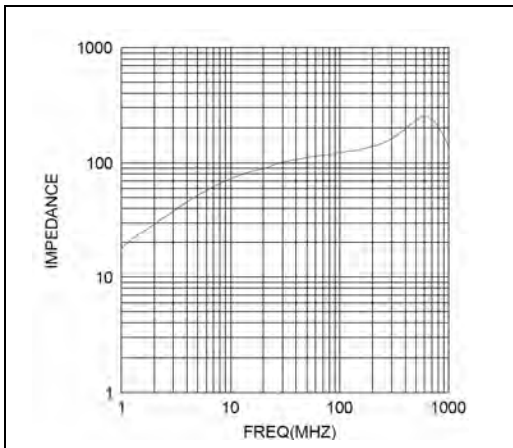
### Product Technical Data

Figure	P/N	A	B	C	E	Impedance In Ohms		
						25 MHz	100 MHz	Peak MHz
1	70RI-3.5 x 4.5 x .8-TR	3.5 mm	4.5 mm	52.4 mm	5 mm	Z <sub>1</sub> = 47	Z <sub>2</sub> = 64	500 Ohm @ 600 MHz
2	70RI-3.5 x 4.7 x .8-TR	3.5 mm	4.7 mm	52.4 mm	5 mm	Z <sub>1</sub> = 47	Z <sub>2</sub> = 64	400 Ohm @ 6000 MHz
3	70RI-3.5 x 5 x .8-TR	3.5 mm	5 mm	52. mm	5 mm	Z <sub>1</sub> = 51	Z <sub>2</sub> = 102	305 Ohm @ 600 MHz
4	70RI-3.5 x 6 x .8-TR	3.5 mm	6 mm	52.4 mm	5 mm	Z <sub>1</sub> = 62	Z <sub>2</sub> = 110	300 Ohm @ 600 MHz
5	70RI-3.5 x 7.5 x .8-TR	3.5 mm	7.5 mm	52.4 mm	5 mm	Z <sub>1</sub> = 75	Z <sub>2</sub> = 100	280 Ohm @ 600 MHz
6	70RI-3.5 x 8 x .8-TR	3.5 mm	8 mm	52.4 mm	5 mm	Z <sub>1</sub> = 88	Z <sub>2</sub> = 138	145 Ohm @ 600 MHz
7	70RI-3.5 x 9 x .8-TR	3.5 mm	9 mm	52.4 mm	5 mm	Z <sub>1</sub> = 92	Z <sub>2</sub> = 140	145 Ohm @ 600 MHz

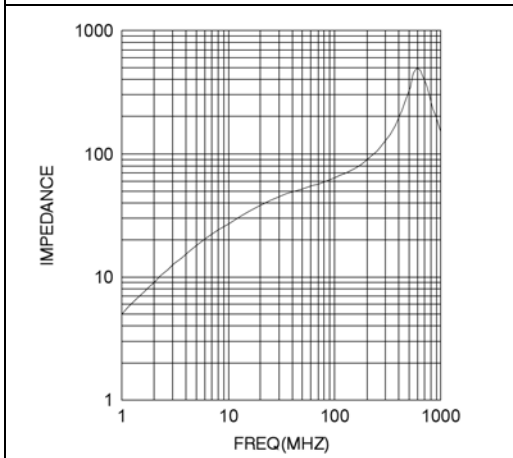
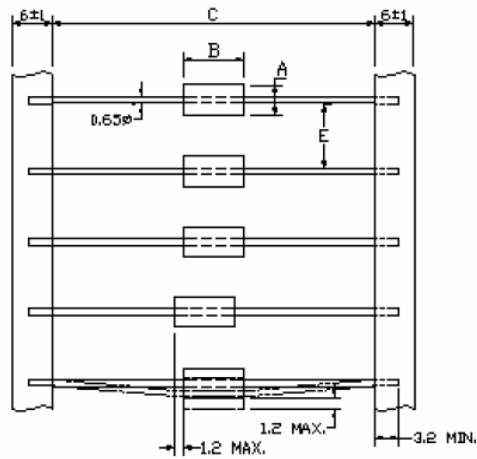
Note: 70RI - Series sizes are available from stock.

# Axial Leaded Ferrite Cores, Taped and Reeled (70RI-Series), Cont.

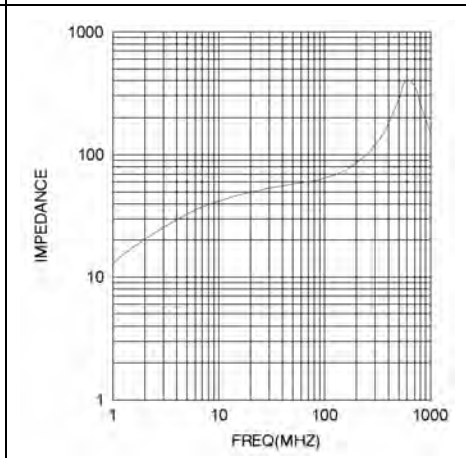
Figures 1-7 Impedance Charts



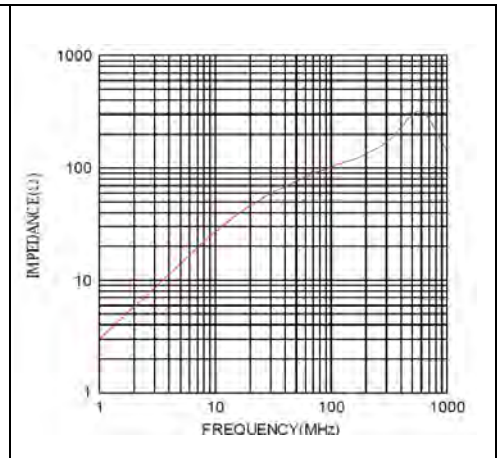
70RI-3.5 x 9 x .8-TR



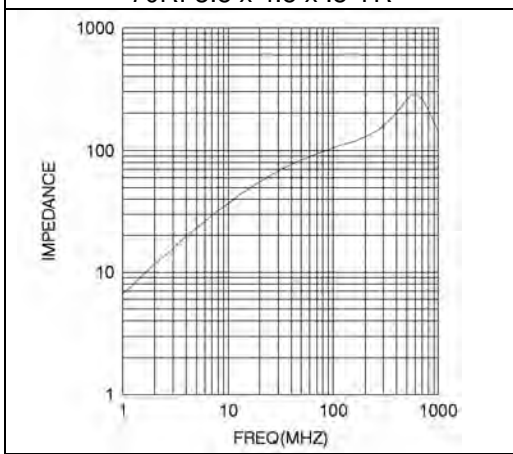
70RI-3.5 x 4.5 x .8-TR



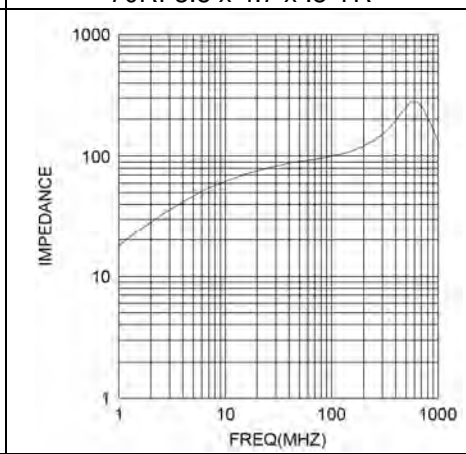
70RI-3.5 x 4.7 x .8-TR



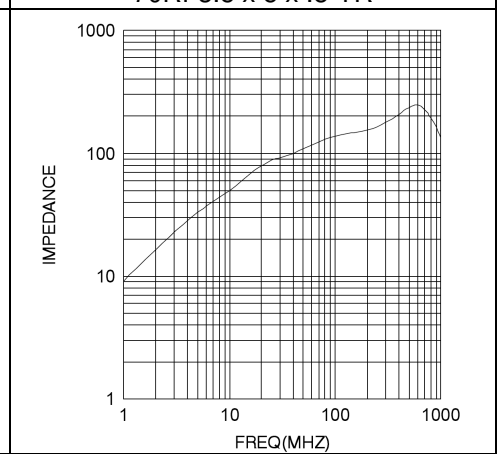
70RI-3.5 x 5 x .8-TR



70RI-3.5 x 6 x .8-TR



70RI-3.5 x 7.5 x .8-TR



70RI-3.5 x 8 x .8-TR