

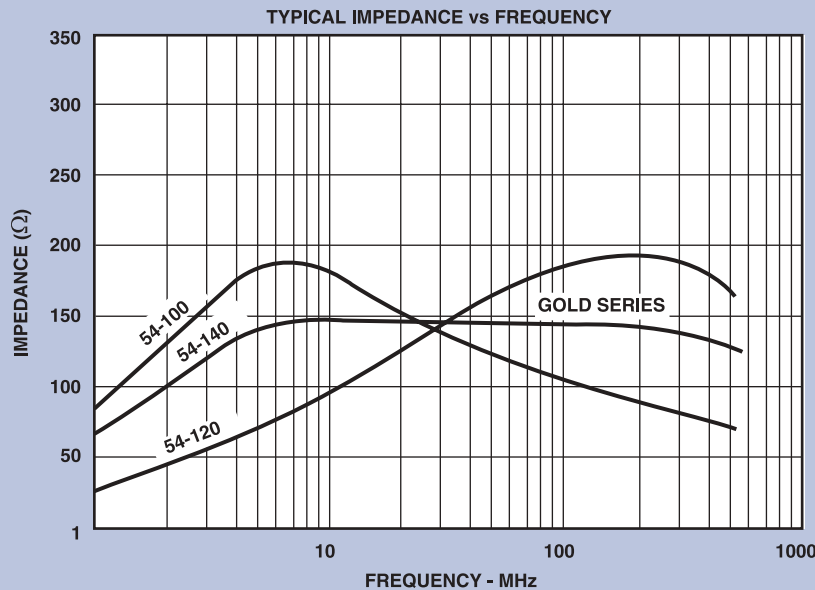
Ferronics has developed a line of ferrite chokes called Z-MAX that are specifically engineered for maximum impedance to more effectively suppress high frequency noise or oscillations. Z-MAX begin where simple beads leave off. They have two to three times the impedance of a standard bead occupying the same space. This is a major benefit when you consider the value of space on a circuit board.

Z-MAX chokes are both color coded and marked to facilitate inventory control and production. This feature alone translates into substantial savings. At the top of the Z-MAX line is the "Gold series...so effective over a wide range of frequencies it's patented. Z-MAX "Gold"

has the unique capability of providing a very flat impedance profile across a broad range of frequencies, from 5 to 500 MHz.

The "Gold" series Z-MAX chokes take the guesswork out of noise suppression. You no longer need to know the precise frequencies of the noise causing EMI/RFI problems. By using a "Gold" series Z-MAX choke right off the shelf, you can dampen a full range of frequencies necessary to eliminate most noise.

To suit your needs even further, Ferronics can adjust the amplitude of impedance to accommodate most practical requirements. Z-MAX chokes are available bulk packaged or radially taped on reels.



Note: Impedance measured with leads trimmed to simulate typical application.

SPECIFICATIONS	54-100 "BLUE"	54-120 "RED"	54-140 "GOLD"	UNITS
MINIMUM IMPEDANCE @	140	145	105	Ω
	10	100	10 & 100	MHz
MINIMUM IMPEDANCE OVER RANGE	100	100	100	Ω
	2-40	25-500	5-500	MHz
RATED CURRENT	3	3	3	A
MAXIMUM STORAGE/ OPERATING TEMPERATURE	105	105	105	°C

