



# MnZn High Permeability Ferrite

## Material Characteristics

Material name			Manganese Zinc Ferrite
Material grade			SM150
Initial Permeability		$\mu_i$	15000 $\pm$ 30%
Saturation Flux Density (Bs) (H = 1194 A/m)	25°C	mT	360
Residual Flux Density (Br)	25°C	mT	100
Coercive Force (Hc)	25°C	A/m	3.2
Relative Loss Factor (10KHz)		x 10e-6	<7.0
Curie Temperature (Tc)		°C	>110
Electrical Resistivity		$\Omega.m$	0.05
Density		g/cm <sup>3</sup>	4.9

Dare is derived from measurements on a ring core of T25x15x8.





## SM150 Performance graphs

