



MnZn High Permeability Ferrite

Material Characteristics

Material name			Manganese Zinc Ferrite
Material grade			SM100
Initial Permeability	25°C	μ_i	10000 $\pm$ 30%
Saturation Flux Density (Bs) (H = 1194 A/m)	25°C	mT	400
Residual Flux Density (Br)	25°C	mT	100
Coercive Force (Hc)	25°C	A/m	6.5
Relative Loss Factor (10KHz)		$\times 10e-6$	<7.0
Curie Temperature (Tc)		°C	>120
Electrical Resistivity		$\Omega.m$	0.15
Density		g/cm ³	4.9

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





SM100 Performance graphs

