

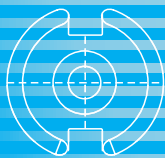


MnZn High Permeability Ferrite

Material Characteristics

Material name			Manganese Zinc Ferrite
Material grade			SM070
Initial Permeability	25°C	μ_i	7000 $\pm$ 25%
Saturation Flux Density (Bs) (H = 1194 A/m)	25°C	mT	420
Residual Flux Density (Br)	25°C	mT	110
Coercive Force (Hc)	25°C	A/m	7.0
Relative Loss Factor (100KHz)		$\times 10e-6$	<30.0
Curie Temperature (Tc)		°C	>125
Electrical Resistivity		$\Omega.m$	0.2
Density		g/cm ³	4.9

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



SM070 Performance graphs

