



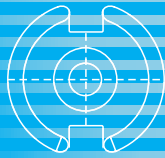
MnZn Power Ferrite Material

Material Characteristics

Material name			Manganese Zinc Ferrite
Material grade			SM011
Initial Permeability	25°C	μ_i	1100±25%
Saturation Flux Density (Bs) (H = 1194 A/m)	25°C 100°C	mT	500 410
Residual Flux Density (Br)	25°C 100°C	mT	150 100
Coercive Force (Hc)	25°C 100°C	A/m	45 35
Power Loss (Pv) <i>Tested 1MHz, 30mT</i>	25°C 60°C 100°C	kW/m ³	80 60 80
Curie Temperature (Tc)		°C	>290
Density		g/cm ³	4.7

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





SM011 Performance graphs

