



MnZn Power Ferrite Material

Material Characteristics

Material name			Manganese Zinc Ferrite
Material grade			SM023
Initial Permeability	μ_i		2300 \pm25%
Saturation Flux Density (Bs) (H = 1194 A/m)	25°C 100°C	mT	510 390
Residual Flux Density (Br)	25°C 100°C	mT	95 55
Coercive Force (Hc)	25°C 100°C	A/m	14 9
Power Loss (Pv) <i>Tested 25kHz, 200mT</i> <i>(*Tested 100kHz, 200mT)</i>	25°C 60°C 100°C 120°C	kW/m ³	120 (*600) 80 (*450) 70 (*410) 75 (*500)
Curie Temperature (Tc)			>215
Electrical Resistivity			6.5
Density			4.8

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





SM023 Performance graphs

