

Material characteristics

Characteristics	Symbol	Unit	seettings	Temp.	MFS125
Initial permeability	μ_i	μ_i	1MHz,1V	25°C	125± 25
Saturation magnetic flux density	Bs	T	H=20000 (A/m)	25°C	1.6
Core loss volume density Pcv	Pcv	mW/cm ³	f=50kHz 100mT	25°C	450
Relative temperature coefficient	$\alpha_{\mu r}$	10 ⁻⁶		-20 ~ 60°C	1.9~4.4
Curie temperature	Tc	°C			700
Electrical resistivity	ρ	M Ω	25V	25°C	0
Density	ds	g/cm ³		25°C	7.1

