

Material characteristics



Characteristics	Symbol	Unit	seettings	Temp.	MSL125
Initial permeability	μ_i	μ_i	1MHz, 1V	25°C	125± 25
Saturation magnetic flux density	Bs	T	H=20000 (A/m)	25°C	1.0
Core loss volume density Pcv	Pcv	mW/cm ³	f=50kHz 100mT	25°C	160
Relative temperature coefficient	$\alpha_{\mu r}$	10 ⁻⁶		-20 ~ 60°C	-1.5 ~ 1.5
Curie temperature	Tc	°C			500
Electrical resistivity	ρ	M Ω	25V	25°C	0
Density	ds	g/cm ³		25°C	6.2

