

Material Characteristics



High Bm	Symbol	Unit	Measurtionsing Conditions		Material
			settings	Temp.	T13S
Initial permeability	μ_i		796kHz;150mV	23°C	260±25%
Saturation flux density	Bs	mT	H=4000A/m	23°C	460
				100°C	380
Relative temp factor	$\alpha_{\mu i}$	$\times 10^{-6}$	100kHz	20~60°C	15~30
Coercive force	Hc	A/m	H=4000A/m	23°C	40
Core loss volume density	Pcv	kW/m ³	50kHz;150mT	20°C	750
				140°C	550
Relative loss factor	$\tan \delta / \mu_i$	$\times 10^{-6}$	100kHz		25
Curie temperature	Tc	°C	100kHz		> 260
Electrical resistivity	ρ	Ω / m			10^{-6}
Density	ds	g/cm ³			5.2

