

Material Characteristics



Stress Resistance	Symbol	Unit	Measurtionsing Conditions		Material
			settings	Temp.	TS60Z
Initial permeability	μ_i		796kHz;150mV	23°C	60±25%
Saturation flux density	B_s	mT	H=4000A/m	23°C	295
				100°C	
Relative temp factor	α_{μ_i}	$\times 10^{-6}$	100kHz	20~60°C	12~25
Coercive force	H_c	A/m	H=4000A/m	23°C	400
Core loss volume density	P_{cv}	kW/m ³	50kHz;150mT	20°C	
				140°C	
Relative loss factor	$\tan \delta / \mu_i$	$\times 10^{-6}$	2MHz		83
Curie temperature	T_c	°C	100kHz		300
Electrical resistivity	ρ	Ω / m			10^{-6}
Density	d_s	g/cm ³			5.1

