

ITEM	SYMBOL	UNIT	CONDITIONS		Material
			settings	Temp.	KL96W
Initial permeability	μ_i	-	100kHz;26mV	25°C	3000
Saturation magnetic flux density	B_s	mT	f = 1kHz H = 1000A/m	25°C	520
				100°C	410
Remanent flux density	B_r	mT	f = 1kHz H = 1000A/m	25°C	70
				100°C	35
Coercive force	H_c	A/m	f = 1kHz H = 1000A/m	25°C	5
				100°C	3
Core loss volume density	P_{cv}	kW/m ³	100kHz;200mT	25°C	400
				60°C	360
				80°C	345
				100°C	340
				120°C	380
				140°C	440

Relative temperature factor	$\alpha_{\mu\gamma}$	$\times 10^{-5}$	-20°C → 20°C 60°C → 20°C	100kHz 26mV	- 2
Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-5}$	100kHz;26mV	25°C	15
Curie temperature	T_c	°C	100kHz;26mV	-	>230
Electrical resistivity	ρ	$\Omega \cdot m$	1000V	25°C	5
Density	d_s	g/cm ³	-	25°C	4.80

