

ITEM	Symbol	Unit	Measurtionsing Conditions		Material
			settings	Temp.	KM50
Initial permeability	μ_i			20°C	5000±25%
Saturation magnetic flux density	Bs	mT	H=1200A/m	20°C	440
				100°C	270
Remanent flux density	Br	mT	H=1200A/m	20°C	130
				100°C	
Coercive force	Hc	A/m	H=1200A/m	20°C	12
				100°C	
Relative loss factor	$\tan \delta / \mu_i$	$\times 10^{-6}$			<15
Relative temperature factor	α_{μ}	$\times 10^{-6}$		-20~20°C	1.0~3.0
				20~60°C	0~2.0
				60~100°C	0~2.0
Disaccommodation factor	DF		1~10min		<3.0
Curie temperature	Tc	°C			> 180
Electrical resistivity	ρ	$\Omega \cdot m$			3
Density	ds	g/cm ³			4.85

