

Material Characteristics

ITEM	SYMBOL	UNIT	CONDITIONS		Material
			settings	Temp.	KL7F
Initial permeability	μ_i		10kHz; 0.25mT	25°C	700±25%
Saturation magnetic flux density	Bs	mT	10KHz; H=1200A/m	25°C	530
				100°C	430
Core loss volume density	Pcv	Mw/C.C	1000KHz ; 50mT	25°C	70
				100°C	80
			3000KHz ; 30mT	25°C	160
				100°C	230
Residual magnetic Density	Br	mT	10KHz; H=1200A/m	25°C	100
				100°C	105
Coercive force	Hc	A/m	10KHz; H=1200A/m	25°C	59
				100°C	52
Curie temperature	Tc	°C			> 290
Density	d	g/cm ³			>4.7



