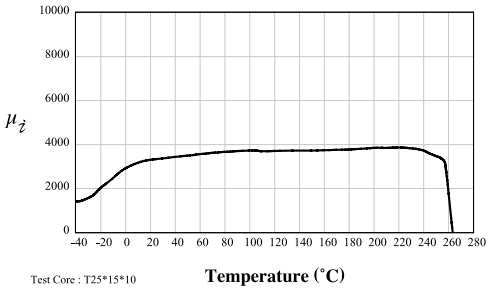
Material Characteristics
WCM-F200

Characteristics	Symbol	Unit	Measuring Conditions		
			Freq.	Flux den.	Temp.
Initial Permeability	μi	-			25℃
Amplitude Permiability	μa	-	25kHz	200mT	25℃ 100 ℃
Power Loss	Pv	kw/m3	100kHz	200mT	25℃ 60℃ 100 ℃ 120 ℃
Saturation Flux Density	Bms	mT	10KHz	H = 1200A/m	25 ℃ 100 ℃
Remanence	Brms	mT	10KHz	H = 1200A/m	25 ℃ 100 ℃
Coercivity	Hc	A/m	10KHz	H = 1200A/m	25 ℃ 100 ℃
Hysteresis Material Constant	□B	10^{-6}mT	10KHz	1.5-3.0mT	25 ℃
Disaccommodation Factor	DF	10^{-6}	10KHz	< 0.1mT	25 ℃
Curie Temperature	Tc	℃			
Resistivity	□	Ωm			
Density	d	g/cm3			

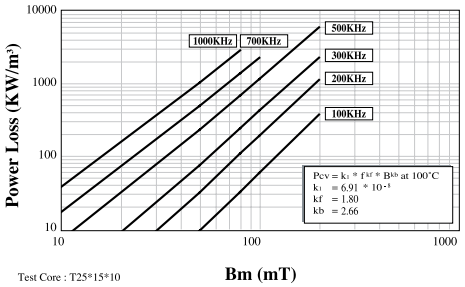
Test core: OD=25mm TH=8mm ID=15mm

Graphs
WCM-F200

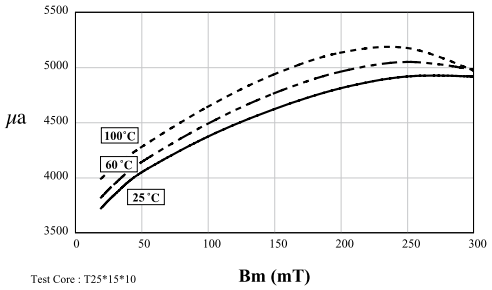
Initial Permeability V.S. Temperature



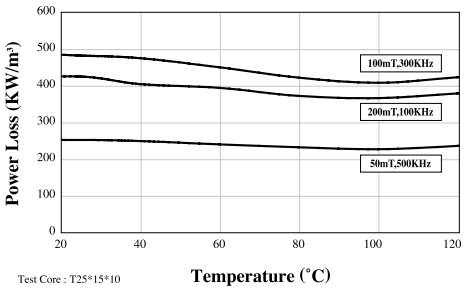
Power Loss V.S. Temperature/Flux Density/Frequency



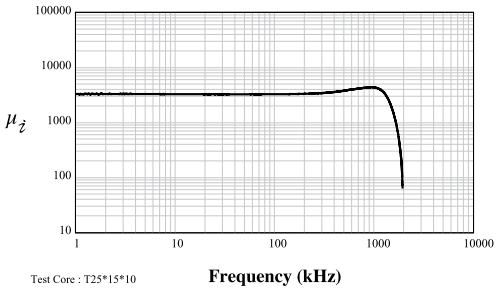
Amplitude Permeability V.S. Flux Density (Bm)



Power Loss V.S. Temperature



Initial Permeability V.S. Frequency



Saturation Flux Density V.S. Magnetic Field