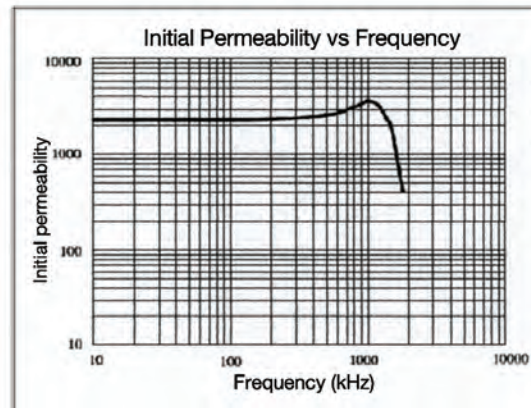
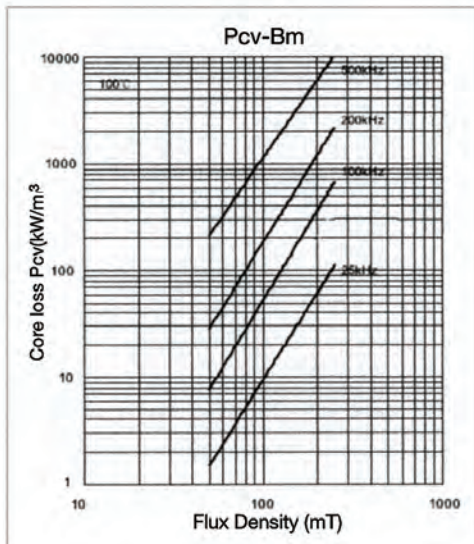
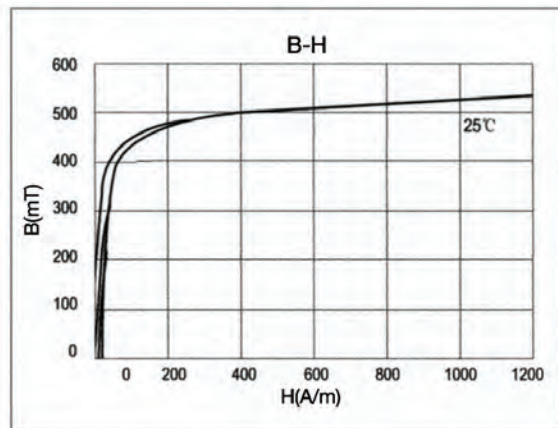
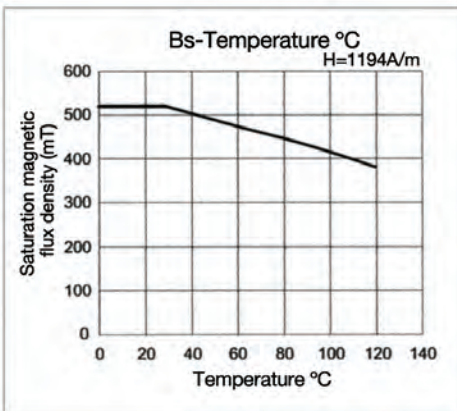
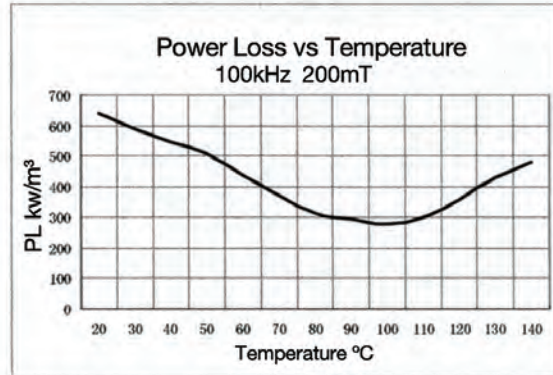
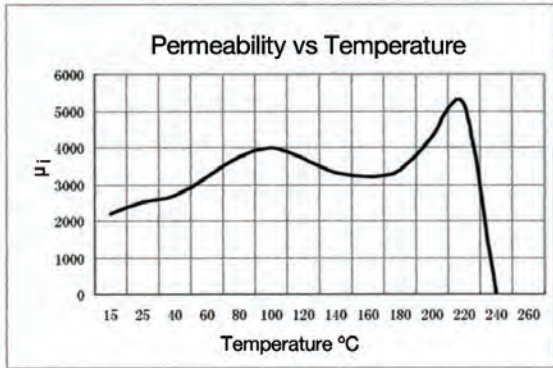


Material Characteristics

WCM-F100

Characteristics	Symbol	Unit		
Initial Permeability	μ_i	-		2500 ±25%
Saturation Flux Density at 1194 A/m	Bs	mT mT	25°C 100 °C	520 420
Remanence	Br	mT		110
Coercivity	Hc	A/m		13
Power Loss	F=100 kHz B=200 mT Pc	kw/m ³ kw/m ³ kw/m ³	25 °C 80 °C 100 °C	600 310 280
Resistivity	ρ	$\Omega \cdot m$		7
Curie Temperature	Tc	°C		>215
Density	d	kw/m ³ *10 ³		4.9

Graphs
WCM-F100



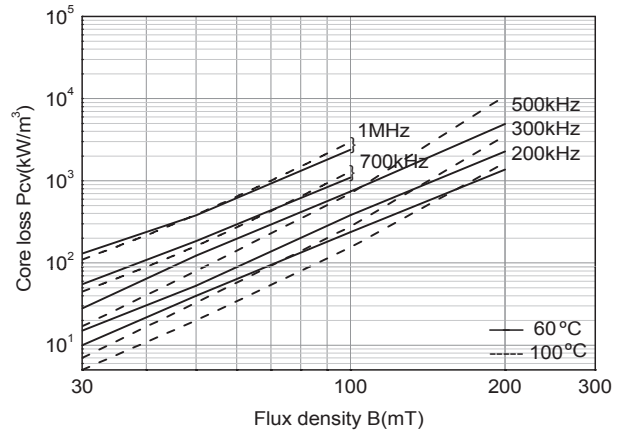
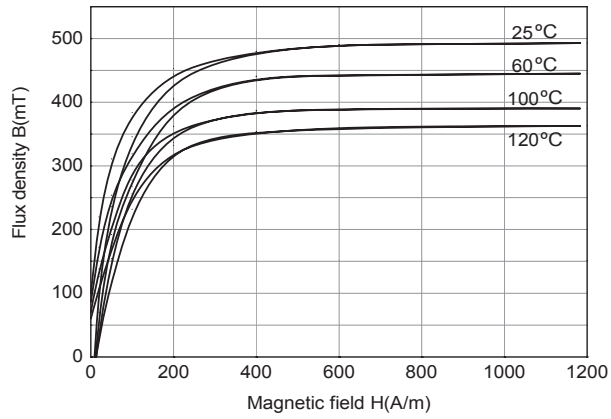
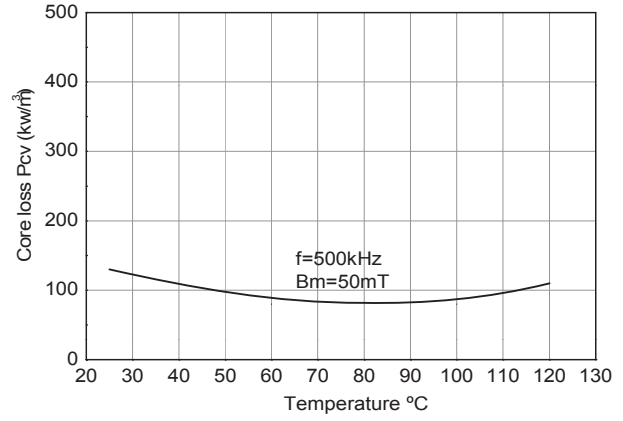
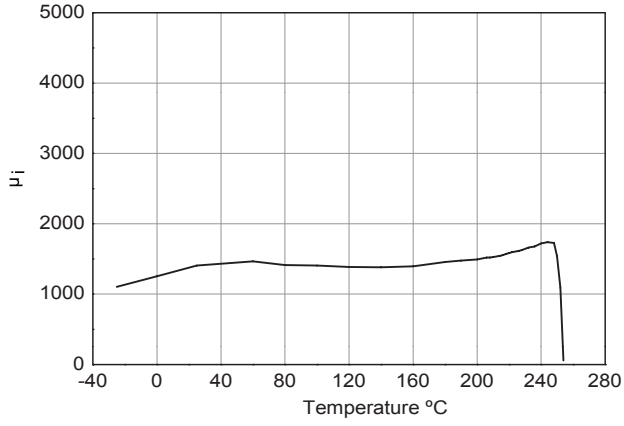
Material Characteristics

WCM-F300

Characteristics	Symbol	Unit		
Initial Permeability	μ_i	-		1400 $\pm 25\%$
Amplitude Permeability	μ_a	-		-
Saturation Flux Density at 1194 A/m	B_s	mT mT	25 °C 100 °C	490 390
Remanence	B_r	mT mT	25 °C 100 °C	100 70
Coercivity	H_c	A/m A/m	25 °C 100 °C	25 20
Core Loss	500 kHz 50 mT	P_{cv}	kw/m ³	130
			kw/m ³	80
			kw/m ³	80
			kw/m ³	110
			kw/m ³	-
Electrical Resistivity	ρ	$\Omega \cdot m$		220
Curie Temperature	T_c	°C		>250
Density	d	kw/m ³		4.7×10^3

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

Graphs WCM-F300



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