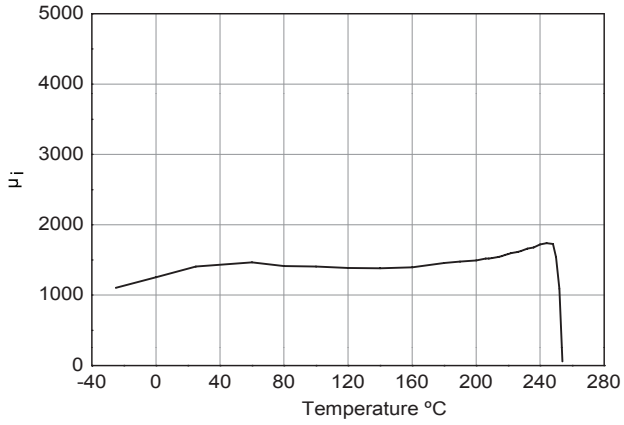
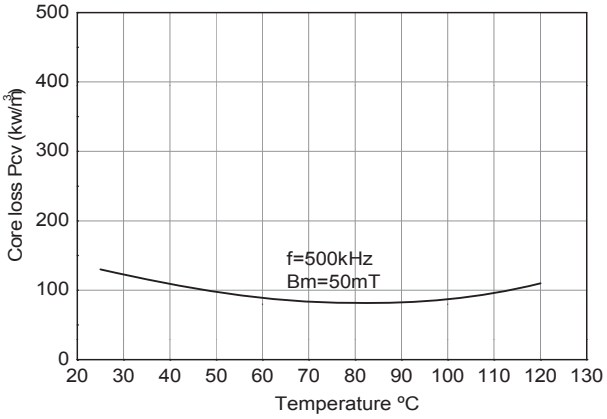
Material Characteristics
WCM-F300

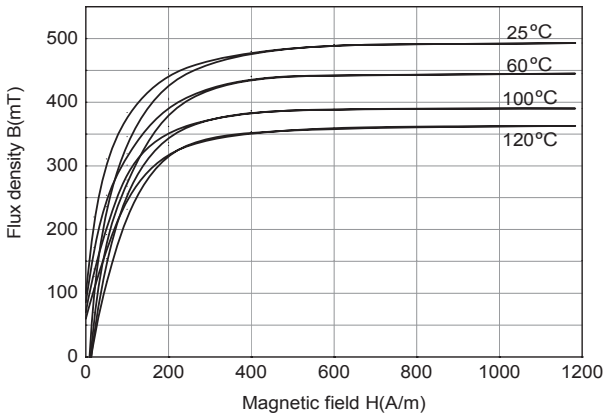
Characteristics		Symbol	Unit		
Initial Permeability		μi	-		1400 ±25%
Amplitude Permiability		μa	-		-
Saturation Flux Density at 1194 A/m		Bs	mT mT	25°C 100 °C	490 390
Remanence		Br	mT mT	25 °C 100 °C	100 70
Coercivity		Hc	A/m A/m	25 °C 100 °C	25 20
Core Loss	500 kHz 50 mT	Pcv	kw/m^3 kw/m^3 kw/m^3 kw/m^3 kw/m^3	25 °C 60 °C 100 °C 120 °C 140 °C	130 80 80 110 -
Electrical Resistivity		ρ	Ω • m		220
Curie Temperature		Tc	°C		>250
Density		d	kw/m^3		$4.7x10^3$

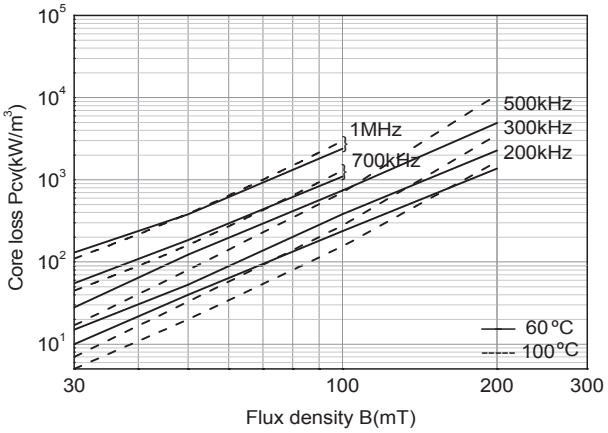
Test core: OD=25mm TH=8mm ID=15mm

Graphs
WCM-F300









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