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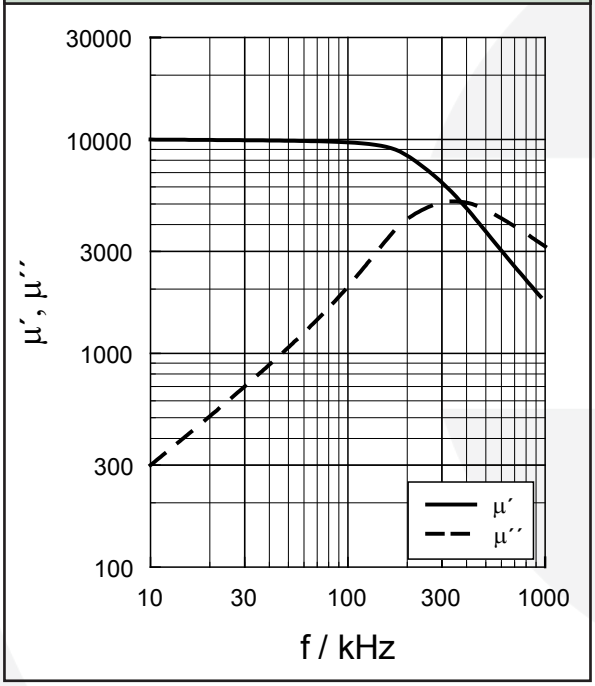
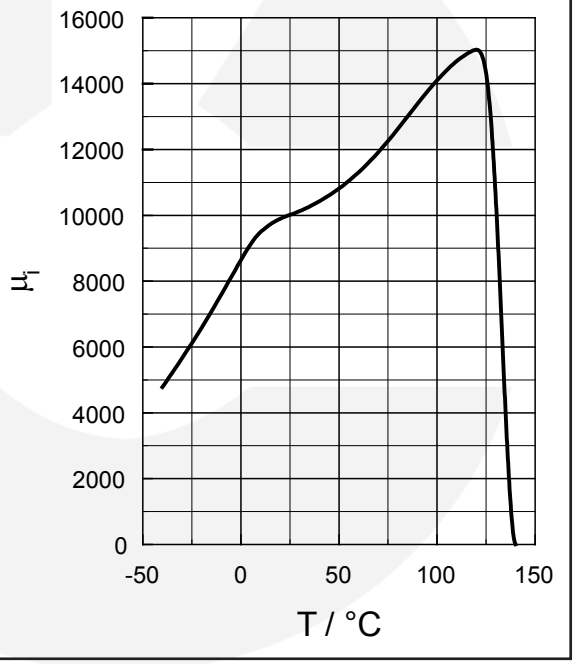
	Symbol / symbol	Wert / value	Einheit / unit
Anfangspermeabilität / initial permeability	μ_i	10000 ± 30%	-
Flussdichte / flux density	B_{max}	≥ 350	mT
bei Feldstärke / at field strength	H_{max}	800	A/m
Remanenz / remanence	B_r	≥ 150	mT
Koerzitivfeldstärke / coercive force	H_c	≤ 8	A/m
Curie-Temperatur / Curie temperature	T_C	≥ 125	°C
Bez. Temperaturbeiwert / rel. temperature coefficient	α_F		10^{-6}/K
bei / at -25°C ... +25°C		≤ 2	
+25°C ... +70°C		≤ 1	
Bez. Verlustfaktor / rel. loss factor	$\tan\delta/\mu_i$		10^{-6}
bei / at 10 kHz		≤ 8	
50 kHz		≤ 20	
100 kHz		≤ 55	
Gleichstromwiderstand / resistivity	ρ	≥ 0,05	Ωm
Sinterrohdichte / sintered density	γ	≈ 4,85	g/cm³

Komplexe Permeabilität als Funktion der Frequenz
Complex permeability vs. frequency



Anfangspermeabilität als Funktion der Temperatur
Initial permeability vs. temperature



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Material K 10000

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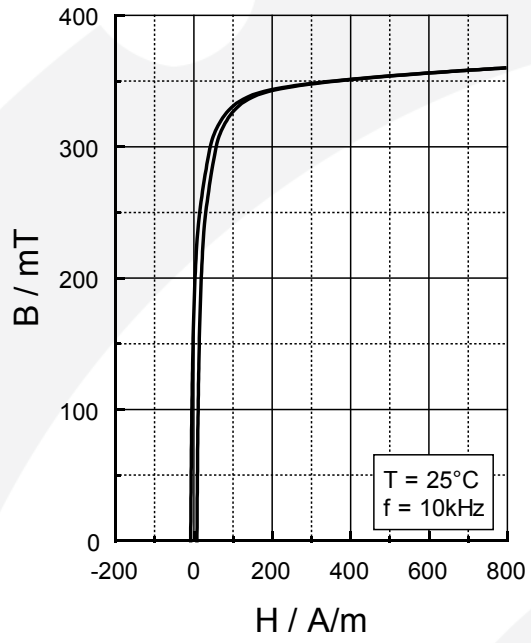
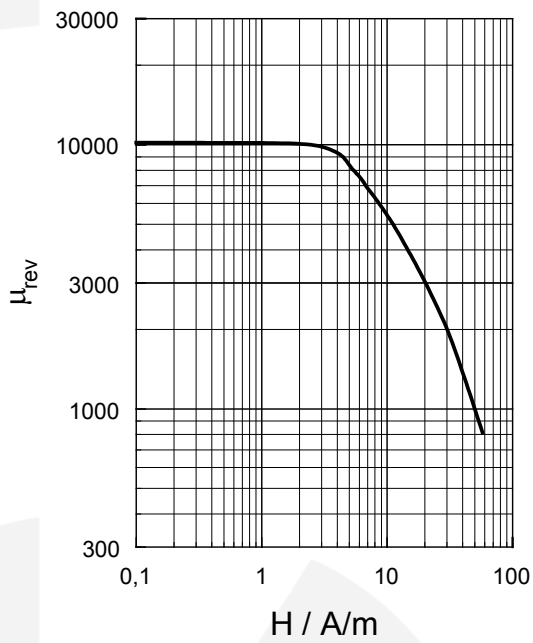
Hysteresekurve
Hysteresis curve



DC Bias bei Ringkernen (Richtwert)
DC bias for ring cores (guide value)



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