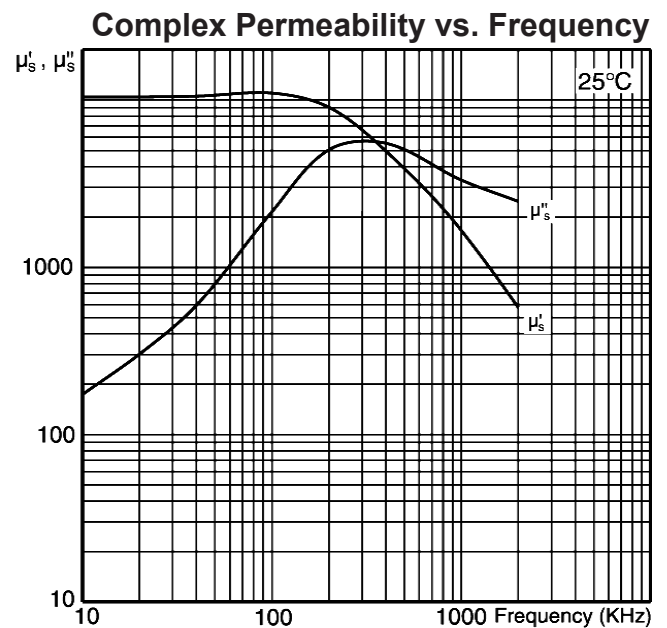
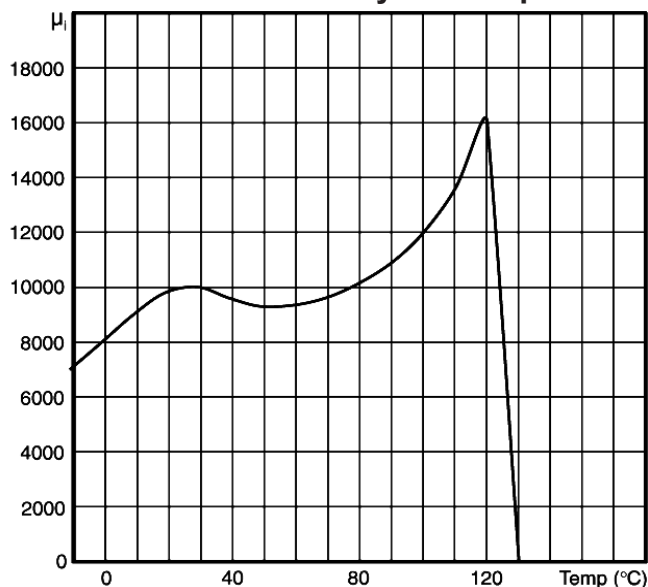


Parameter	Symbol	Standard Conditions of test	Unit	F39
Initial Permeability (nominal)	$\mu_i$	B<0.1mT 10kHz 25°C	-	10 000 ± 30%
Saturation Flux Density (typical)	$B_{sat}$	H=796 A/m = 10Oe 25°C	mT	380
Remanent Flux Density (typical)	$B_r$	H→0 (from near Saturation) 10kHz 25°C	mT	200
Coercivity (typical)	$H_c$	B→0 (from near Saturation) 10kHz 25°C	A/m	16
Curie Temperature (minimum)	$\theta_c$	B<0.1mT 10kHz	°C	125
Resistivity (typical)	$\rho$	1 V/cm 25°C		100

**Material types:** Manganese-Zinc Ferrite  
**Properties:** Very high permeability  
**Frequency range:** Depends on application  
**Typical applications:** Broadband and pulse transformers, balanced (common-mode) chokes and inductors for filters  
**Typical core shapes:** Ring, EP, RM, Pot cores



**Initial Permeability vs. Temperature**



**Dynamic Magnetisation: Typical B-H Loops**

