Material grade specification 4E1

SYMBOL	CONDITIONS	VALUE	UNIT
μ_i	≤ 10 kHz, 0.1 mT, 25 °C	15 ± 20%	
B	10 kHz, 250 A/m, 25 °C	≈ 80	mT
	10 kHz, 250 A/m, 100 °C	≈ 75	mT
$\tan\delta/\mu_i$	10 MHz, 0.1 mT, 25 °C	$\leq 300.10^{-6}$	
	30 MHz, 0.1 mT, 25 °C	$\leq 350.10^{-6}$	
ρ	DC, 25 °C	$\approx 10^5$	Ωm
T_c		≥ 500	°C
density		≈ 3700	kg/m³

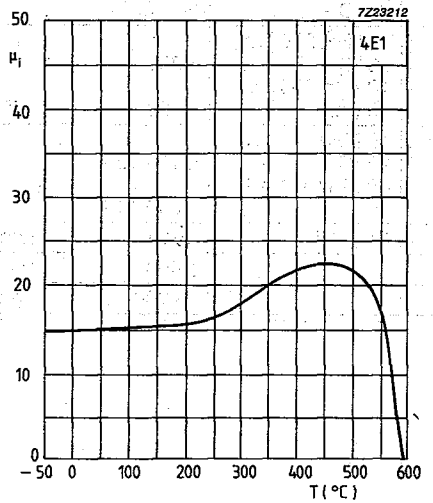

Fig.2 Initial permeability as a function of temperature.

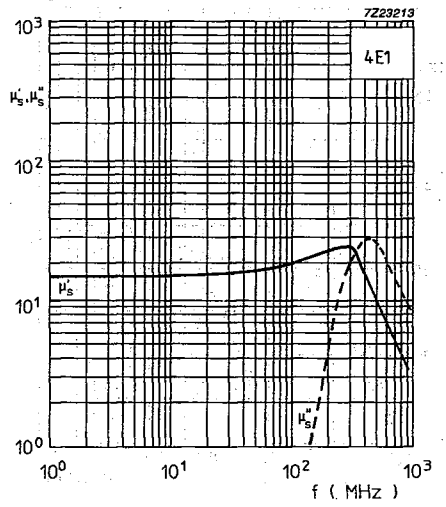

Fig.1 Complex permeability as a function of frequency.

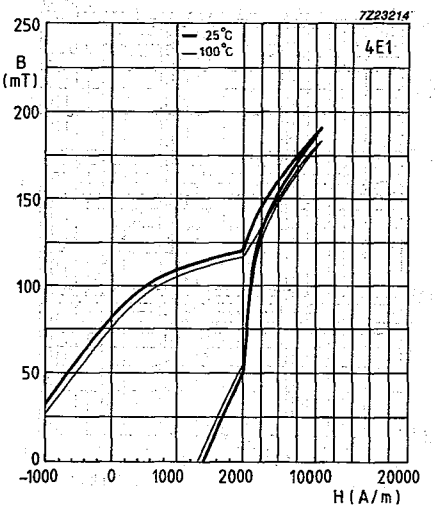

Fig.3 Typical B-H loops.