4B1 SPECIFICATIONS

Medium permeability NiZn ferrite for use in wideband EMI-suppression (30 - 1000 MHz) as well as RF tuning, wideband and balun transformers.

SYMBOL	CONDITIONS	VALUE	UNIT
μ_i	25 °C; ≤10 kHz; 0.25 mT	250 ±20%	
B	25 °C; 10 kHz; 3000 A/m	≈ 360	mT
	100 °C; 10 kHz; 3000 A/m	≈ 310	
$\tan\delta/\mu_i$	25 °C; 1 MHz; 0.25 mT	$\leq 90 \times 10^{-6}$	
	25 °C; 3 MHz; 0.25 mT	$\leq 300 \times 10^{-6}$	
ρ	DC; 25 °C	$\approx 10^5$	Ωm
T_C		≥ 250	°C
density		≈ 4600	kg/m^3

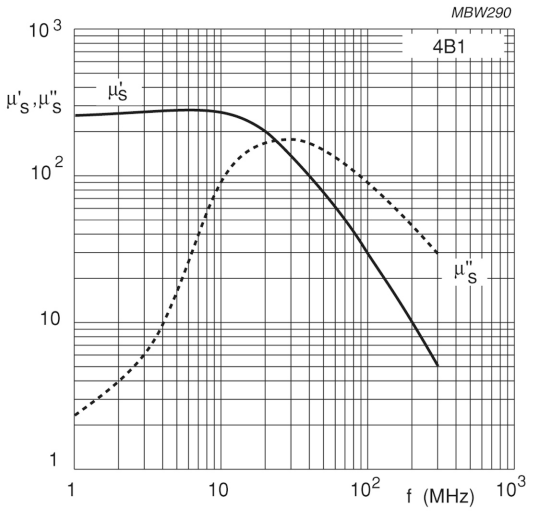

Fig.1 Complex permeability as a function of frequency.

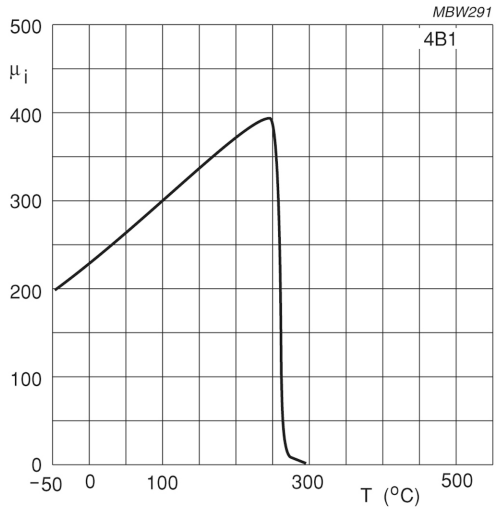

Fig.2 Initial permeability as a function of temperature.

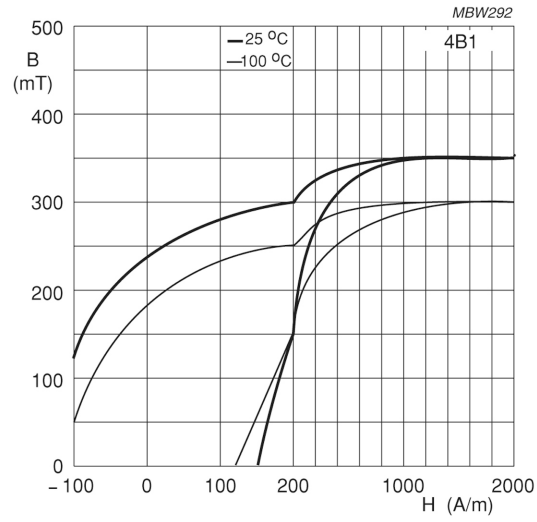

Fig.3 Typical B-H loops.