

DATA SHEET

4A11 Material specification

Supersedes data of November 2000

2002 Feb 01

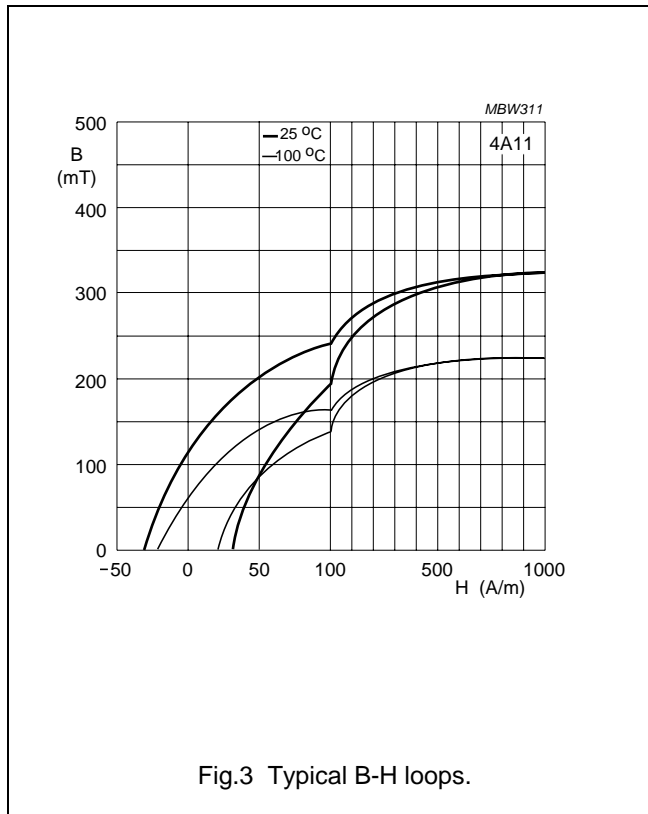
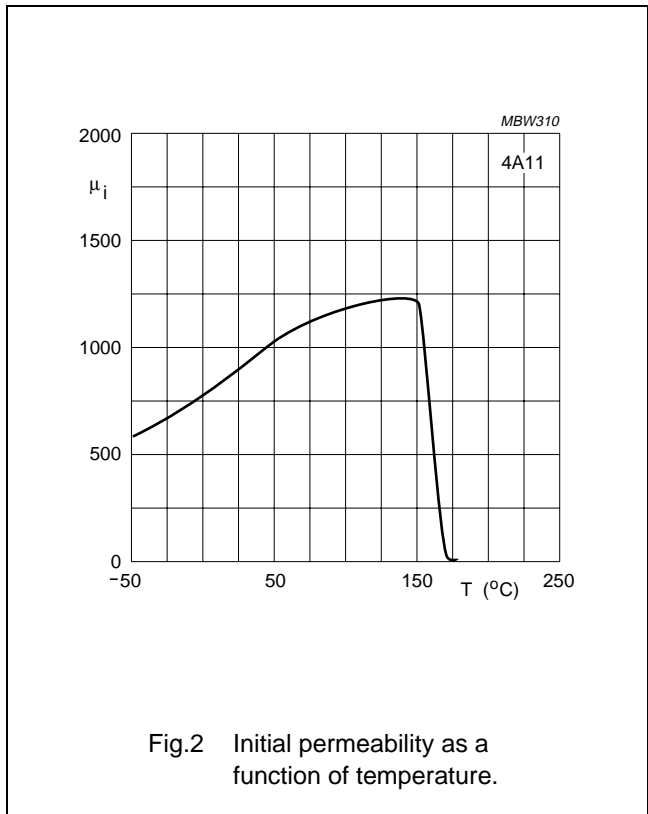
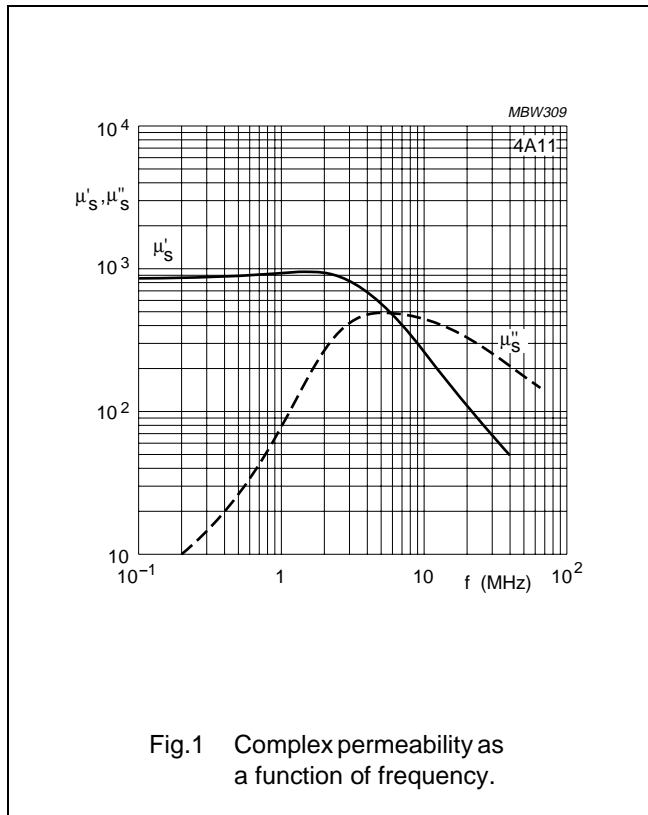
Material specification

4A11

4A11 SPECIFICATIONS

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

SYMBOL	CONDITIONS	VALUE	UNIT
μ_i	25 °C; ≤ 10 kHz; 0.1 mT	850 $\pm 20\%$	
B	25 °C; 10 kHz; 250 A/m 100 °C; 10 kHz; 250 A/m	≈ 270 ≈ 180	mT
$\tan\delta/\mu_i$	25 °C; 1 MHz; 0.1 mT 25 °C; 3 MHz; 0.1 mT	$\leq 100 \times 10^{-6}$ $\leq 1000 \times 10^{-6}$	
ρ	DC; 25 °C	$\approx 10^5$	Ωm
T_C		≥ 125	°C
density		≈ 5100	kg/m ³






DATA SHEET STATUS DEFINITIONS

DATA SHEET STATUS	PRODUCT STATUS	DEFINITIONS
Preliminary specification	Development	This data sheet contains preliminary data. Ferroxcube reserves the right to make changes at any time without notice in order to improve design and supply the best possible product.
Product specification	Production	This data sheet contains final specifications. Ferroxcube reserves the right to make changes at any time without notice in order to improve design and supply the best possible product.

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PRODUCT STATUS DEFINITIONS

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