

# DATA SHEET

**4F1**

**Material grade specification**

Supersedes data of November 1997  
File under Ferrite Ceramics, MA01

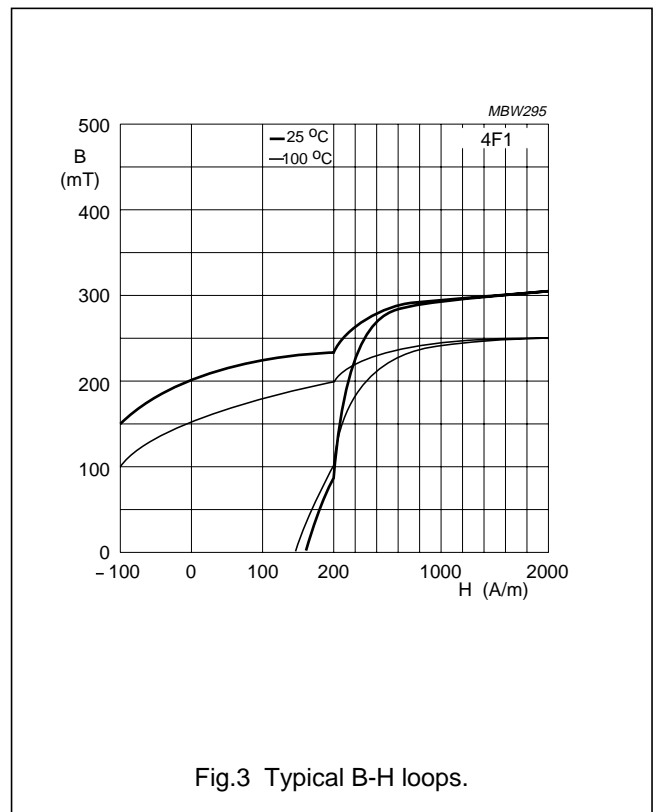
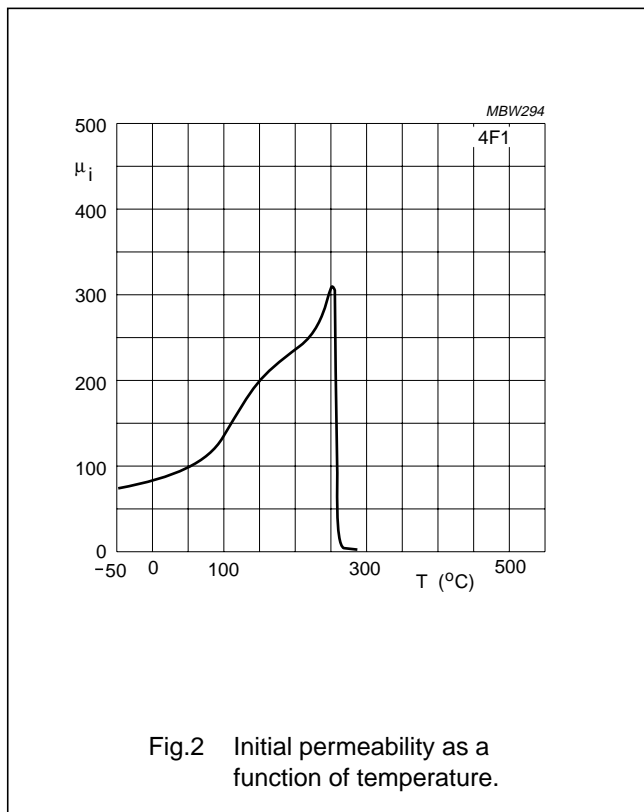
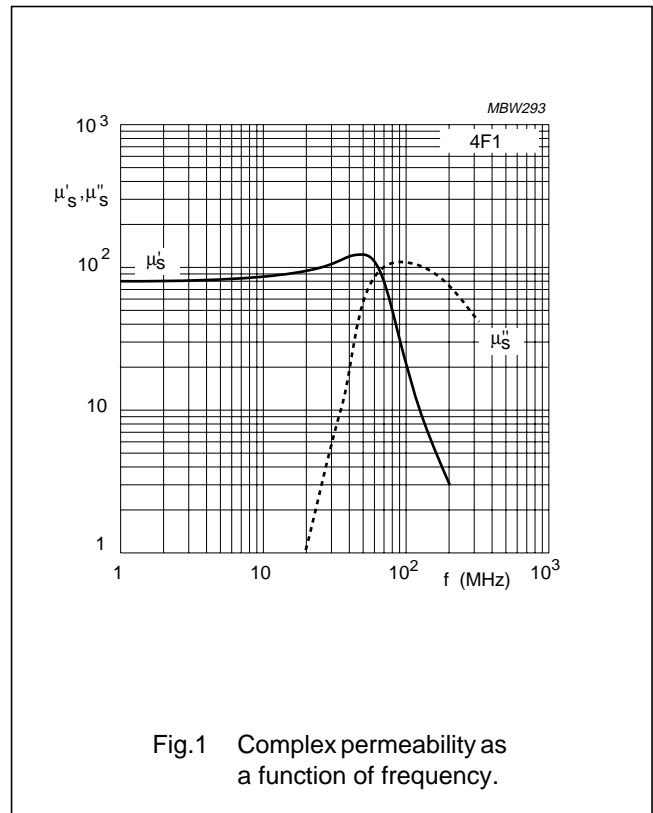
2000 Apr 20

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4F1

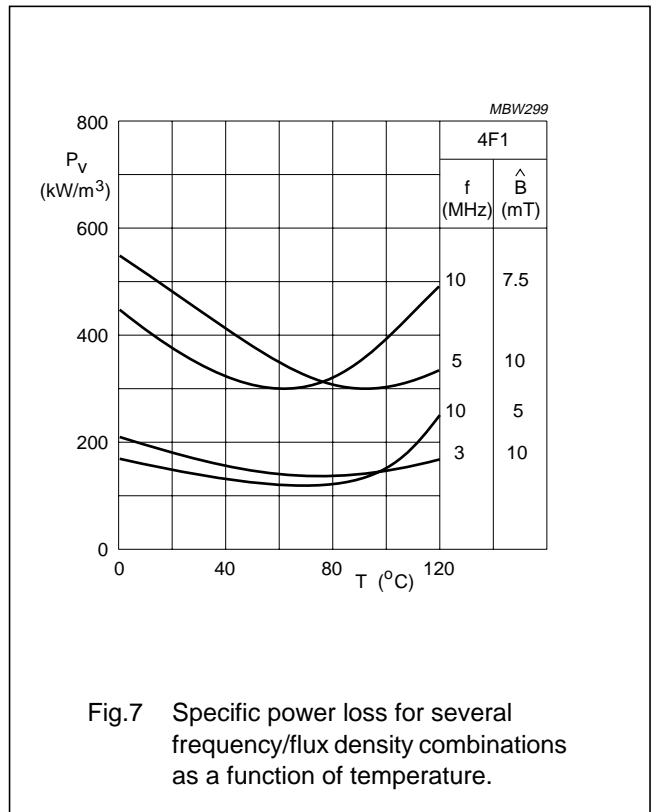
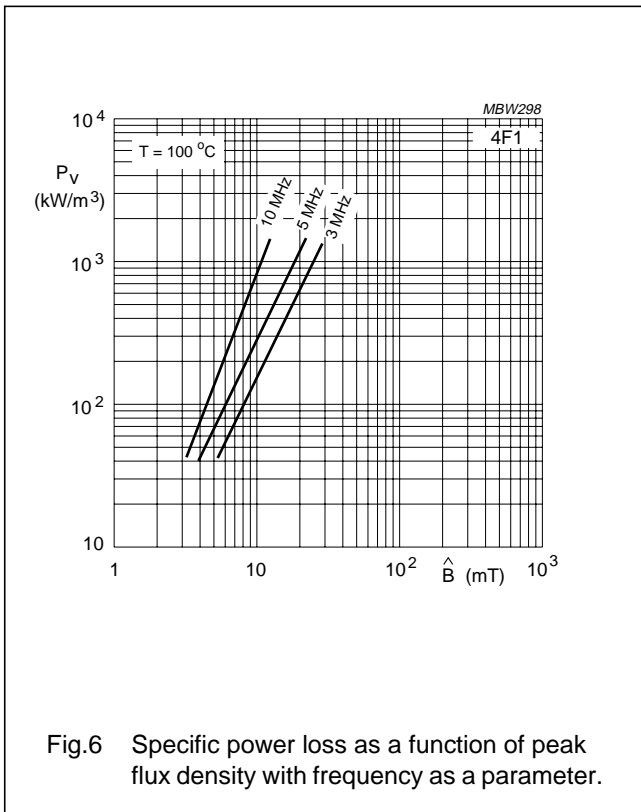
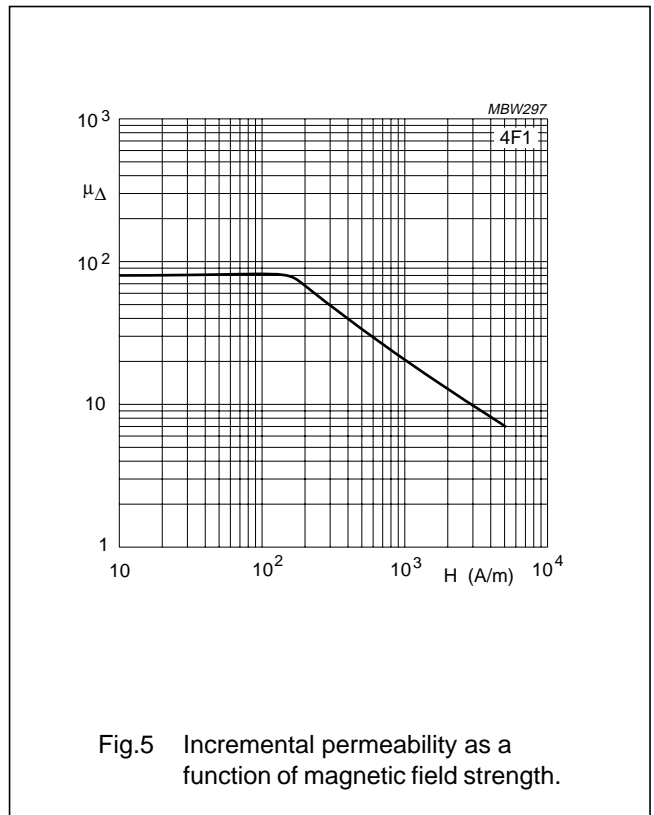
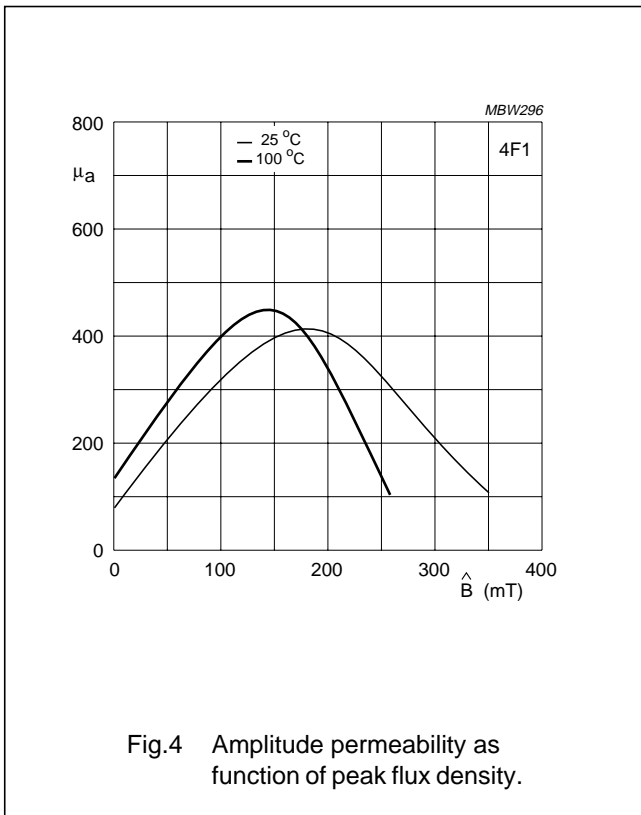
## 4F1 SPECIFICATIONS

SYMBOL	CONDITIONS	VALUE	UNIT
$\mu_i$	25 °C; $\leq 10$ kHz; 0.1 mT	$\approx 80$	
$\mu_a$	100 °C; 25 kHz; 200 mT	$\approx 300$	
B	25 °C; 10 kHz; 250 A/m 100 °C; 10 kHz; 250 A/m	$\geq 50$ $\geq 100$	mT
$P_v$	100 °C; 3 MHz; 10 mT 100 °C; 10 MHz; 5 mT	$\leq 200$ $\leq 200$	kW/m <sup>3</sup>
$\rho$	DC; 25 °C	$\approx 10^5$	$\Omega\text{m}$
$T_c$		$\geq 260$	°C
density		$\approx 4600$	kg/m <sup>3</sup>



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4F1



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4F1




## DATA SHEET STATUS DEFINITIONS

DATA SHEET STATUS	PRODUCT STATUS	DEFINITIONS
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