DISCRETE CERAMICS

DATA SHEET

3F4Material grade specification

Supersedes data of November 1997 File under Discrete Ceramics, MA01 2000 Apr 20

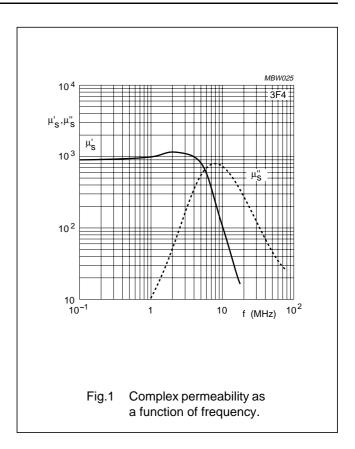


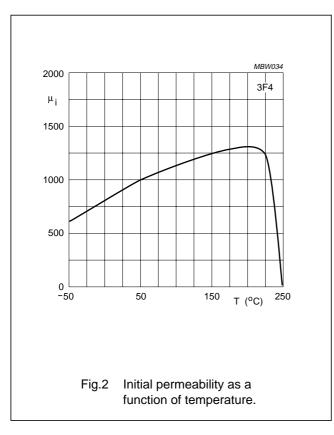


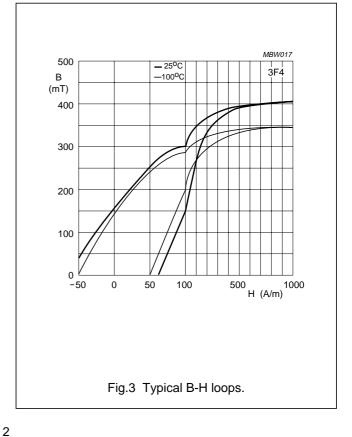
Material grade specification

3F4 SPECIFICATIONS

SYMBOL	CONDITIONS	VALUE	UNIT
μί	25 °C; ≤10 kHz; 0.1 mT	900 ±20%	
μ _a	100 °C; 25 kHz; 200 mT	≈1700	
В	25 °C; 10 kHz; 250 A/m	≥350	mT
	100 °C; 10 kHz; 250 A/m	≥300	
P _V	100 °C; 1 MHz; 30 mT	≤200	kW/m ³
	100 °C; 3 MHz; 10 mT	≤320	
ρ	DC; 25 °C	≈10	Ω m
T _C		≥220	°C
density		≈4700	kg/m ³

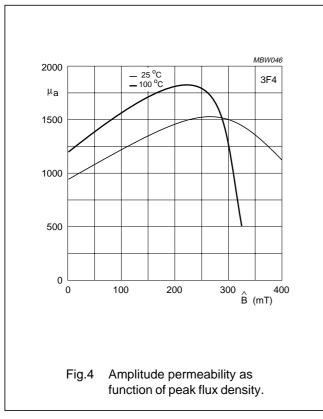


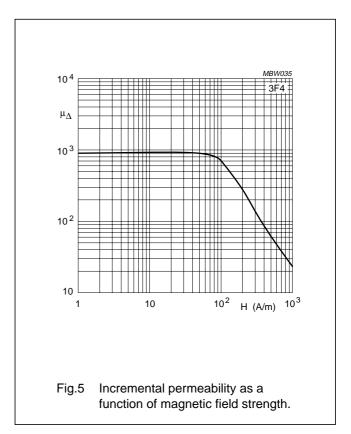


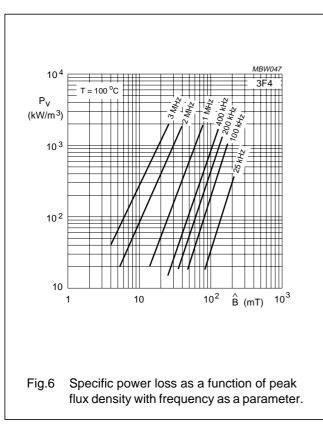


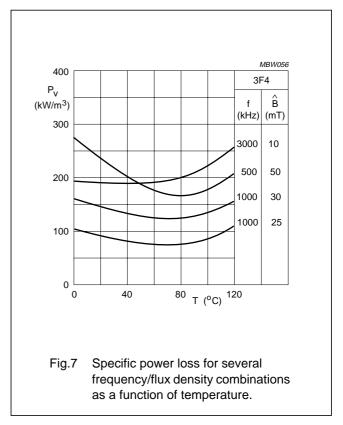
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Material grade specification

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DATA SHEET STATUS DEFINITIONS

DATA SHEET STATUS	PRODUCT STATUS	DEFINITIONS
Preliminary specification	Development	This data sheet contains preliminary data. Philips Components 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. Philips Components 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

STATUS	INDICATION	DEFINITION	
Prototype	prot	These are products that have been made as development samples for the purposes of technical evaluation only. The data for these types is provisional and is subject to change.	
Design-in	des	These products are recommended for new designs.	
Preferred		These products are recommended for use in current designs and are available via our sales channels.	
Support	sup	These products are not recommended for new designs and may not be available through all of our sales channels. Customers are advised to check for availability.	

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