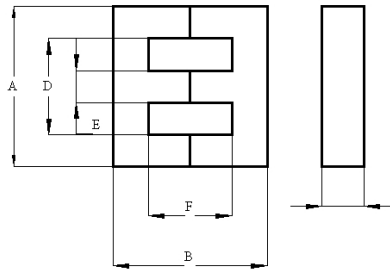


EE 55 x 21

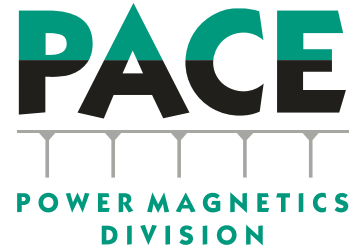
Ferrite E Cores to Din 41295 EE 55 x 21 Cosmo CF129 material

Data sheet Ref: APS-8 (22/07/02)



Magnetic Data for a pair of cores

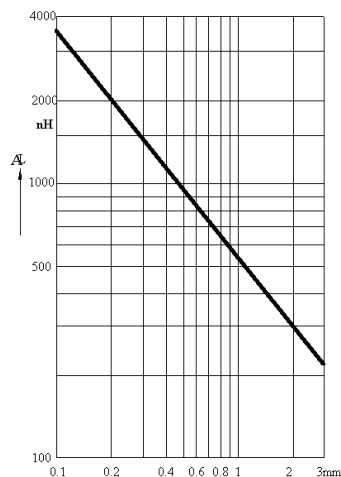
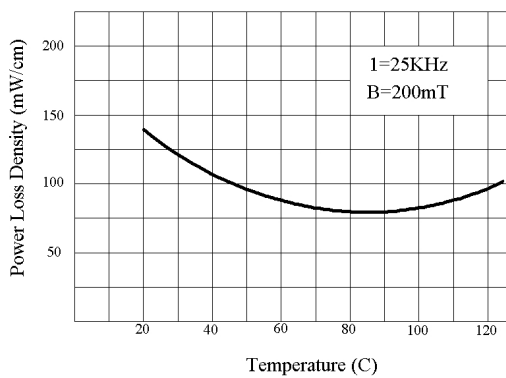
Parameter	symbol	value
Effective magnetic path length	L_e	120.0mm
Effective area of magnetic path	A_e	354mm ²
Effective magnetic volume	V_e	425mm ³
$\sum l_A$	CL	0.34mm ⁻¹



Dimensions (mm)

A	B	C	D	E	F
54.86 ± 0.78	55.12	20.62 ± 0.25	38.1 ± 0.8	16.76 ± 0.25	37.59 ± 0.5

Power Loss Vs Temperature



Typical AL (nH/t²)
(As a function of centre pole gap)



Power Magnetics

10 Balmer Cut,
Buckingham Industrial Park,
Buckingham MK18 1UL

T 01280 817243

F 01280 823167

E sales@powermagnetics.co.uk
www.powermagnetics.co.uk

Standard Characteristics of Material

Material	μ_{iac}	$\tan \sigma / \mu_{iau}$ ($\times 10^{-5}$) 10KHz	$\alpha_{\mu r}$ ($\times 10^{-6}$)	TC (°C)	f (MHz)	ρ ($\Omega \cdot \text{cm}$)	Bms mT	Hcms Am ⁻¹	d g/cm ³
CF129	2400 ±20%	0.2		220	<0.3	500	500	13	4.85

