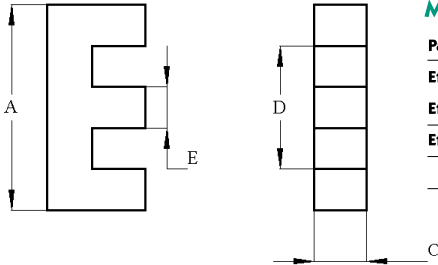


EE 65 x 27

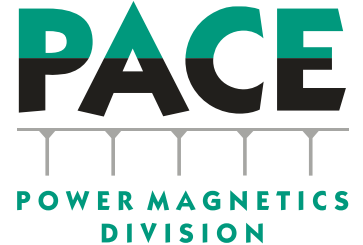
Ferrite E Cores to Din 41295 EE 65 x 27 Hitachi SB7C material

Data sheet Ref: APS-12 (19/01/04)



Magnetic Data for a pair of cores

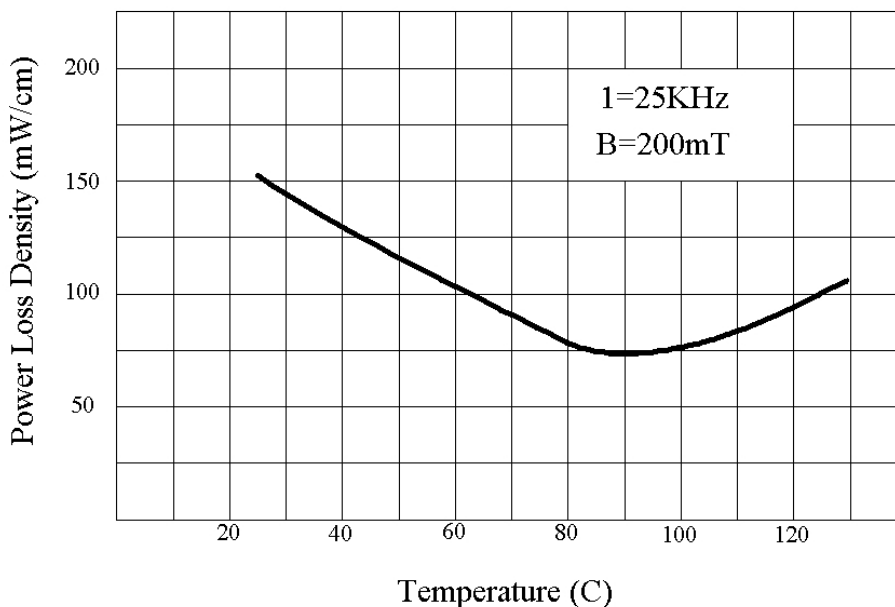
Parameter	symbol	value
Effective magnetic path length	L_e	147.0mm
Effective area of magnetic path	A_e	535mm ²
Effective magnetic volume	V_e	78600mm ³
$\sum V_A$	CL	0.27mm ⁻¹



Dimensions

A	B	C	D	E	F
65 + 1.5 -1.2	32.8 + 0 -0.6	27.4 + 0 -0.8	44.2 + 1.5 -0	20 + 0 -0.7	22.2 + 0.8 -0

Power Loss Vs Temperature



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}	$\tan \delta / \mu_{iau}$ ($\times 10^{-5}$) 10KHz	$\alpha \mu r$ ($\times 10^{-6}$)	TC (°C)	f (MHz)	ρ ($\Omega \cdot \text{cm}$)	Bms mT	Hcms A/m ⁻¹	d g/cm ³
SB7C	2400 $\pm 20\%$	2		200		500	500	13	4.85

NB: 16 Pin bobbin available. Order code E65-02040

