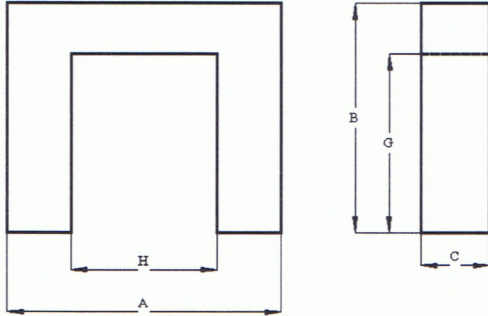


UU60

For use either in pairs or assembled to make large E cores for Kilowatt rated Switched Mode transformers



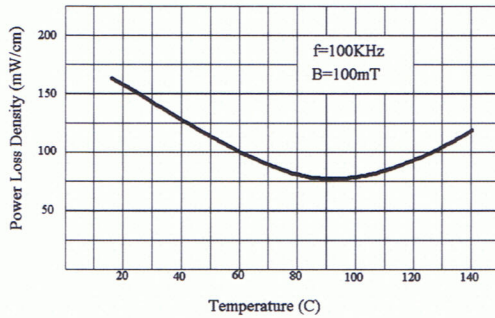
-15

-35

	A	B	C	G	H
Max	60.3	55.25	15.75	40.6	29.9
Min	58.7	54.75	14.75	39.4	28.5

	A	B	C	G	H
Max	60.3	35.2	15.75	20.5	29.9
Min	58.7	34.8	14.75	19.5	28.5

Power Loss Vs Temperature



Magnetic Data (for a Pair of 3235 Cores)

Parameter	symbol	value
Effective magnetic path length	L_e	265.8mm
Effective area of magnetic path	A_e	228.8mm ²
Effective magnetic volume	V_e	60810mm ³
$\sum L_A$	CL	1.16mm ⁻¹

Magnetic Data (for a Pair of 3234 Cores)

Parameter	symbol	value
Effective magnetic path length	L_e	185.8mm
Effective area of magnetic path	A_e	228.8mm ²
Effective magnetic volume	V_e	42450mm ³
$\sum L_A$	CL	0.81mm ⁻¹

Standard Characteristics of Material

Material	μ_{iac}	Tan σ/μ_{iau} ($\times 10^{-5}$) 10KHz	TC (°C)	f (MHz)	ρ ($\Omega.cm$)	Bms (mT) (25°C)	Hcms Am	Pc (100KHz) @100mT (Kw/m ³)		Pc (100KHz) @200mT (Kw/m ³)	
								25°C	100°C	25°C	100°C
CF138	2000+30% -20%	>2.5	220	<0.3	100	480	15	<155	<80	<800	<500

Ferrite U Cores UU 60 (3235) (3234)

Data sheet Ref: APS-11 (15/01/04)

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