MICROMETALS
ALLOY POWDER CORES

Part Number:	BFS-0474128-060

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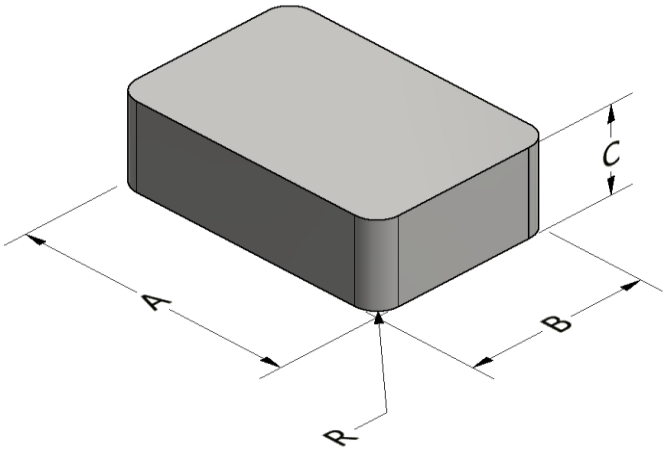
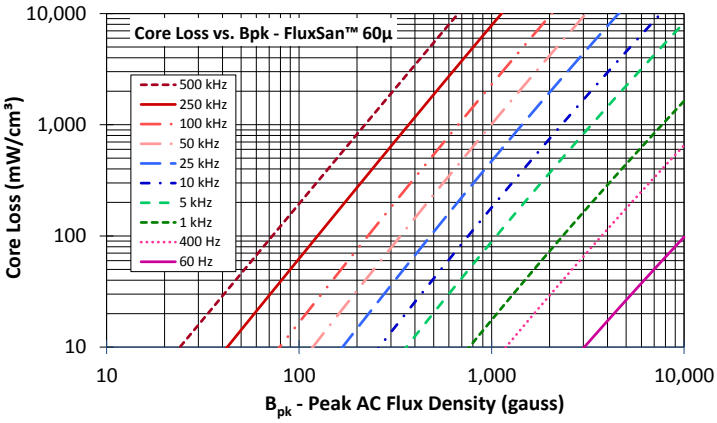
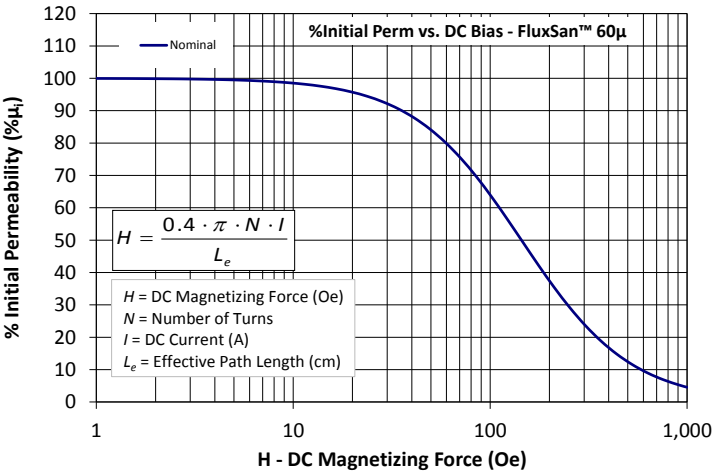


A	47.50 ± 0.50 mm	1.870 ± 0.020 in
B	41.00 ± 0.50 mm	1.614 ± 0.020 in
C	27.50 ± 0.50 mm	1.083 ± 0.020 in
R	1.5 ± 0.50 mm	0.059 ± 0.020 in
	μ_i(reference)	60
Mass	(approximate)	350 grams
Core Loss	Core Loss(mW/cm³)= $\frac{f}{\frac{a}{Bpk^{3}}+\frac{b}{Bpk^{2.3}}+\frac{c}{Bpk^{1.65}}}+d\cdot Bpk^{2}\cdot f^{2}$	
	where B_{pk} expressed in gauss, f expressed in hertz, and:	
	a=6.42E+08, b=3.00E+08, c=1.69E+06, d=5.56E-14	
	B_{pk}	1000 G
	frequency	50 kHz
	Core Loss (nominal)	1,011 mW/cm³
	Core Loss (maximum)	1,163 mW/cm³
DC Saturation	$\%\mu_i = \frac{1}{a + b\cdot H^{c}} + d$	
	where H expressed in oersteds, and:	
	a=0.01, b=4.05E-06, c=1.57, d=0.00	
	H_{DC}	100 Oe
	Percent Initial Perm(nom.)	64.0%
	Percent Initial Perm(min.)	57.2%
Coating/Pkg	Coating Type:	None
	Voltage Breakdown (min.)	N/A
	Limit	N/A
	Package Quantity	60 Pieces/Box





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