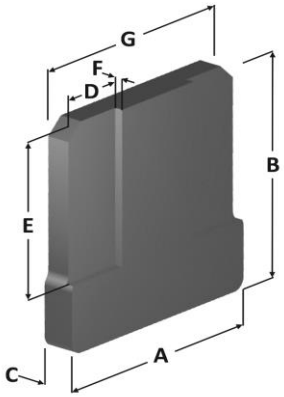
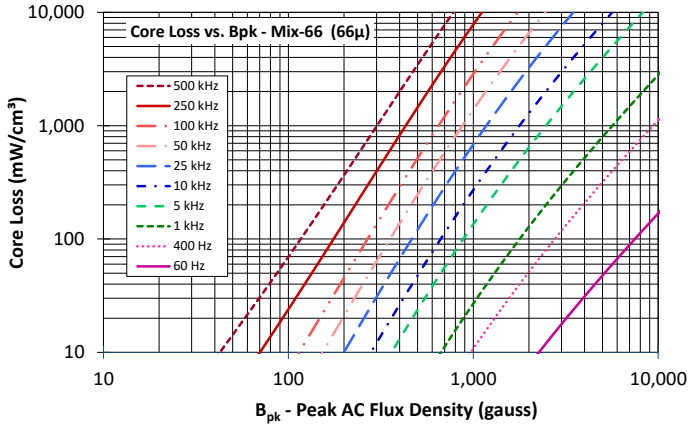
MICROMETALS™
POWDER CORE SOLUTIONS

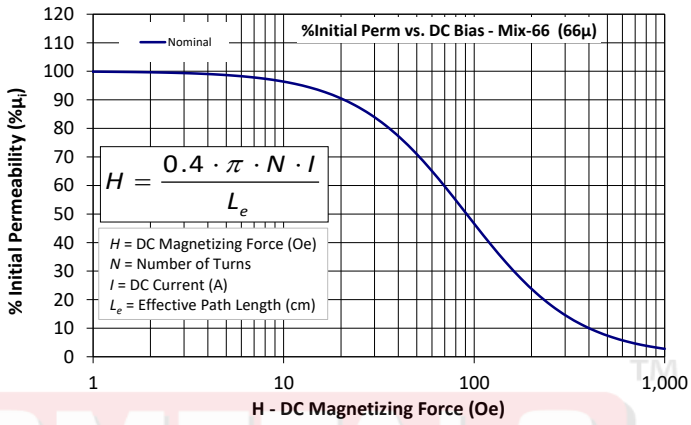
Part Number:	IC065B10C-660

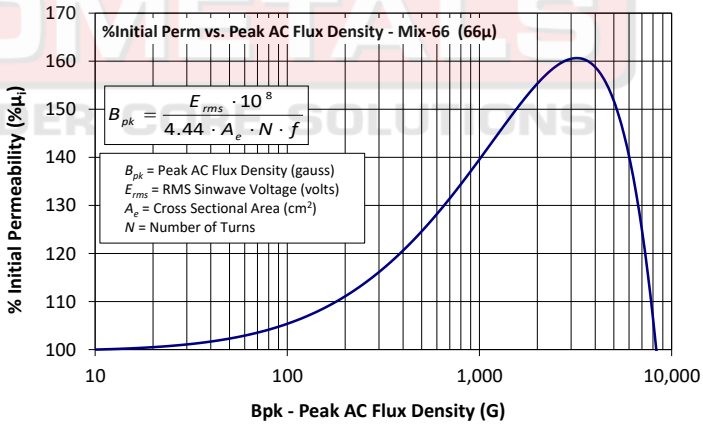
Revision 20200517 - Generated 2020-May-18

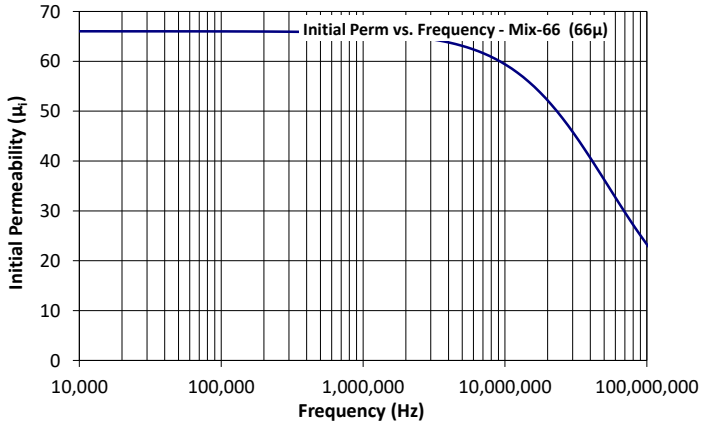


A	6.50 ± 0.15 mm	0.256 ± 0.006 in
B	6.50 ± 0.15 mm	0.256 ± 0.006 in
C	0.95 ± 0.10 mm	0.037 ± 0.004 in
D	1.90 mm (nom.)	0.075 in (nom.)
E	4.30 mm (nom.)	0.169 in (nom.)
F	0.15 ± 0.05 mm	0.006 ± 0.002 in
G	6.25 ± 0.15 mm	0.246 ± 0.006 in
Mass	(approximate)	0.23 grams
Core Loss	Core Loss(mW/cm³)= $\frac{f}{\frac{a}{Bpk^{3}}+\frac{b}{Bpk^{2.3}}+\frac{c}{Bpk^{1.65}}}+d\cdot Bpk^{2}\cdot f^{2}$	
	where B_{pk} expressed in gauss, f expressed in hertz, and:	
	a=1.72E+10, b=4.96E+07, c=1.23E+06, d=1.73E-14	
	B_{pk}	140 G
	frequency	100 kHz
	Core Loss (nominal)	17 mW/cm³
	Core Loss (maximum)	20 mW/cm³
DC Saturation	$\%\mu_i = \frac{1}{a + b\cdot H^{c}} + d$	
	where H expressed in oersteds, and:	
	a=1.00E-02, b=1.23E-05, c=1.48, d=0.00	
	H_{DC}	50 Oe
	Percent Initial Perm(nom.)	71.0%
	Percent Initial Perm(min.)	65.1%
Coating/Pkg	Coating Type:	Per UL Card File #E140098(S), Black, Outer Surface only
	Voltage Breakdown (min.)	N/A
	Limit	N/A
	Package Quantity	30,000/Box









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