



Part Number: **MS-134060-2**

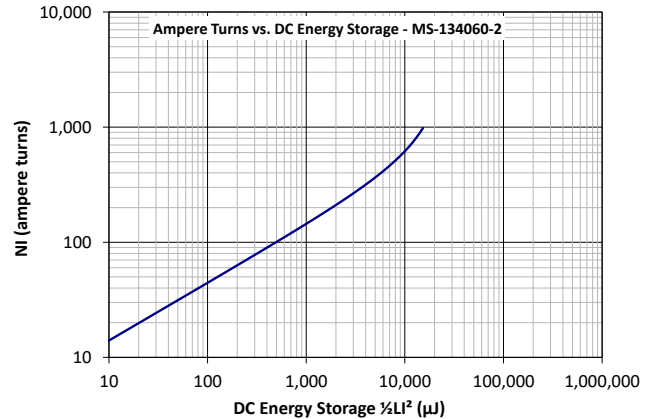
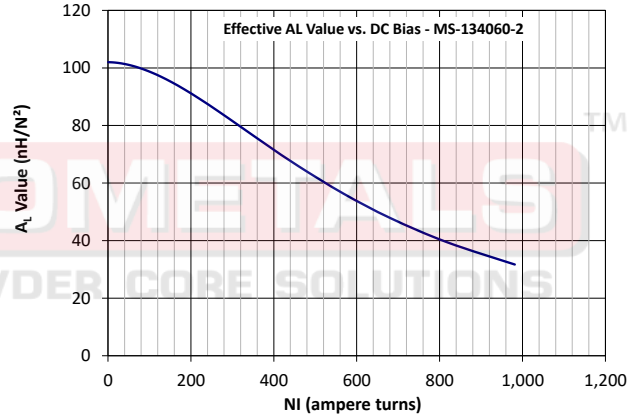
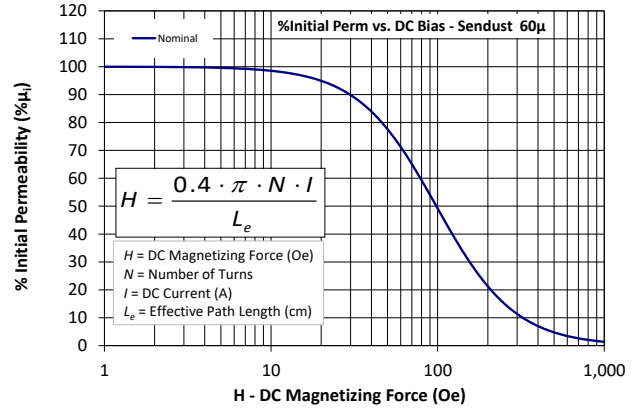
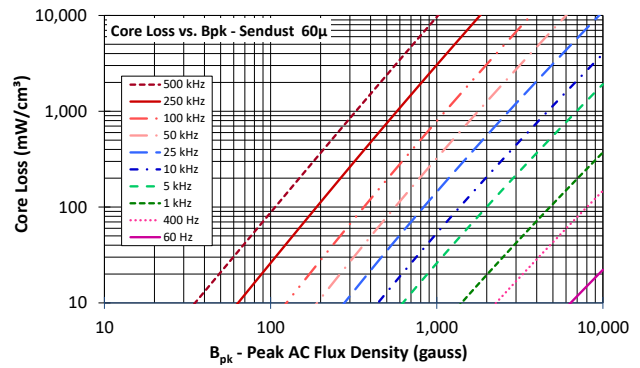
Revision 2021-Dec-01 - Generated 2021-Dec-01



(If coated, Max./Min. includes coating)

OD	(nom. - bare core) (max.)	33.02 mm 33.83 mm	1.300 in 1.332 in
ID	(nom. - bare core) (min.)	19.94 mm 19.30 mm	0.785 in 0.760 in
HT	(nom. - bare core) (max.)	18.00 mm 19.00 mm	0.709 in 0.748 in
Mass	(approximate)	52 grams	
Magnetic Dimensions	A _e - Eff. Mag. Cross Section	1.10 cm ²	
	L _e - Eff. Mag. Path Length	8.15 cm	
	V _e - Eff. Core Volume	8.98 cm ³	
	WA - Min. Eff. Window Area	2.93 cm ²	
	sa - Surface Area	49.1 cm ²	
	mlt - mean length per turn	6.22 cm	
Inductance	μ _i (reference)	60	
	A _L value (nominal)	102 nH/N ²	
	Test Winding	N=70, #22 AWG	
	Frequency	10 kHz	
	Voltage on Agilent 4284A	0.34 V	
	AL tolerance	±8%	
Core Loss	$\text{Core Loss (mW/cm}^3\text{)} = \frac{a}{B_{pk}^3} + \frac{b}{B_{pk}^{2.3}} + \frac{c}{B_{pk}^{1.65}} + d \cdot B_{pk}^2 \cdot f^2$		
	where B _{pk} expressed in gauss, f expressed in hertz, and: a=7.890E+09, b=7.111E+08, c=8.980E+06, d=2.846E-14		
	B _{pk}	1000 G	
	frequency	50 kHz	
	Core Loss (nominal)	323 mW/cm ³	
Core Loss (maximum)	372 mW/cm ³		
DC Saturation	$\% \mu_i = \frac{1}{a + b \cdot H^c} + d$		
	where H expressed in oersteds, and: a=1.000E-02, b=2.151E-06, c=1.841, d=0.000		
	H _{dc}	100 Oe	
	Percent Initial Perm(nom.)	49.2%	
Percent Initial Perm(min.)	40.9%		
Coating/Pkg	Coating Type:	Blue Epoxy	
	Voltage Breakdown (min.)	1000 Vrms	
	Limit	0.1 mA, 5 s	
	Package Quantity	320 Pcs/Box	

Winding Table	Wire Size	AWG	8	10	12	14	16	18	20	22	24	26	28
		mm	3.150	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315
	Single Layer	Turns	14	18	22	29	36	46	58	73	91	114	142
		Rdc(Ω)	1.8 m	3.7 m	7.1 m	14.9 m	29.4 m	59.8 m	120.0 m	240.2 m	476.2 m	948.7 m	1.9
Full Winding	Turns	15	24	37	57	88	136	211	326	504	780	1,208	
	Rdc(Ω)	1.9 m	4.9 m	12.0 m	29.3 m	72.0 m	176.9 m	436.5 m	1.1	2.6	6.5	16.0	



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ferrite Toroids / Ferrite Rings](#) category:

Click to view products by [Micrometals](#) manufacturer:

Other Similar products are found below :

[432202094771](#) [432202130672](#) [4327 018 35221](#) [432703013571](#) [4327 030 57161](#) [432703057191](#) [432202101631](#) [4327 030 57111](#) [5343232001](#)
[5977004801](#) [5976000201](#) [XRRH3.5*3.2*1.6](#) [XRRH4*2*2](#) [XRRH3.5*6*1.0](#) [XRRH3.5*6*1.5](#) [XRRH3.5*3.5*1.8](#) [XRR4*12](#) [XRRH6*3*3](#)
[XRRH3.5*4*1.0](#) [XRR3*12](#) [XRRH3.5*9*1.0](#) [XRRH3.5*5*1.8](#) [XRR4*10](#) [XRRH3.5*9.0*1.5](#) [XRRH3.5*3.5*1.5](#) [XRRH3.5*5*1.5](#)
[XRRH3.5*2*1.8](#) [XRRH3.5*3*1.5](#) [XRRH4*6*2](#) [XRRH3.5*3*1.8](#) [F9-BP RH 3.5*6*1.5](#) [F9-BP T 3.5*3*1.5](#) [F9-BP RH 3.5*4*1.5](#) [F9-AP RH](#)
[3.5*5*1.5](#) [XRR4*20](#) [XRRH4*10*2](#) [XRRH5*3*3](#) [F9-BP RH 3.5*9*1.5](#) [XRRH9.5*19.5*5](#) [XRRH7.8*12.7*4.5](#) [XRRH12*15*7.2](#)
[XRRH9*16*5](#) [XRRH12*20*6.5](#) [XRR6*25](#) [XRR8*20](#) [XRRH14.2*20*8](#) [XRRH14.2*28.5*6.35](#) [XRR8*30](#) [XRRH10.5*20*5.5](#)
[XRRH10.5*20*6.5](#)