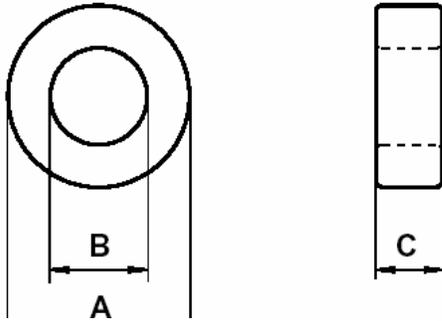




C058048A2

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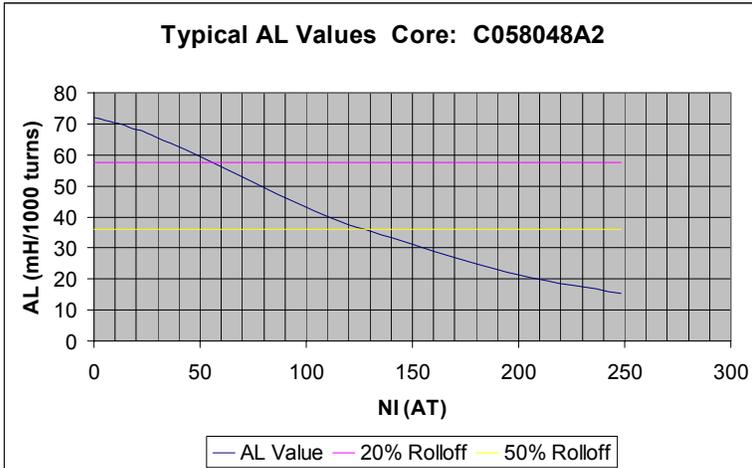
XXXXXX
lot number

048A2
part number

X
inductance

DIMENSIONS		
(mm)	Uncoated	Coated
O.D. (A)	12.7	13.46
I.D. (B)	7.62	6.99
Ht. (C)	4.75	5.51

PHYSICAL CHARACTERISTICS					
W _A Window Area	A _e Cross Section	L _e Path Length	V _e Volume	Weight	Box Quantity
38.3 mm ²	10.9 mm ²	31.2 mm	340.0 mm ³	2.90 grams	5,000 pieces



Permeability (μ) 160

A_L ± 8% 72

Winding Turn Length	
Winding Factor	Length/Turn (cm)
100% (Unity)	2.49
60%	2.20
40%	1.920
20%	1.797
0%	1.751

Wound Coil Dimensions	
Maximum O.D. (u.w.f.)*	18.2 mm
Maximum HT. (u.w.f.)*	11.5 mm

*u.w.f. – unity winding factor

Surface Area	
Unwound Core	5.60 cm ²
40% Winding Factor	8.1 cm ²

AWG Wire Size	Single Layer Turns	Single Layer Rdc (Ohms, Ω)	AWG Wire Size	Single Layer Turns	Single Layer Rdc (Ohms, Ω)
16	12	0.00276	26	45	0.106
17	14	0.00406	27	50	0.148
18	16	0.00587	28	56	0.21
19	19	0.00877	29	63	0.293
20	21	0.0122	30	71	0.434
21	24	0.0176	31	79	0.594
22	28	0.026	32	87	0.809
23	31	0.0362	33	98	1.16
24	35	0.0516	34	112	1.68
25	40	0.0744	35	125	2.37