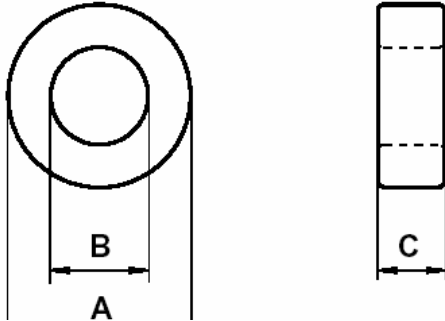




0077071A7

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 Pittsburgh, PA 15238
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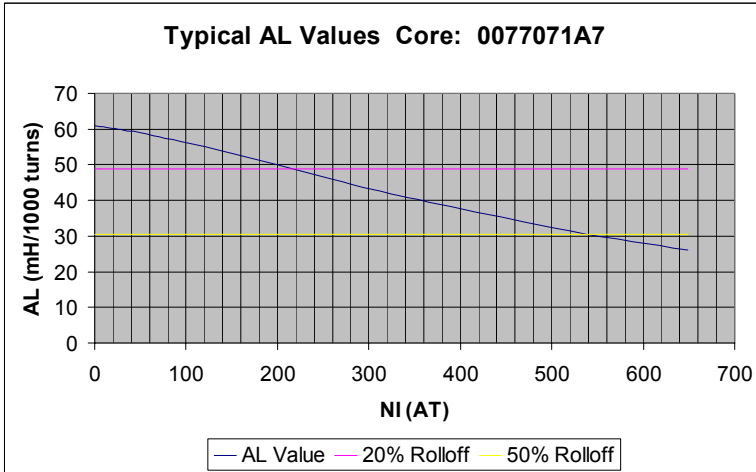


Core Markings

XXXXXX lot number
 77071A7 part number
 X inductance

DIMENSIONS		
(mm)	Uncoated	Coated
O.D. (A)	32.8	33.65
I.D. (B)	20.1	19.46
Ht. (C)	10.7	11.43

PHYSICAL CHARACTERISTICS					
W _A Window Area	A _e Cross Section	L _e Path Length	V _e Volume	Weight	Box Quantity
293.0 mm ²	65.6 mm ²	81.4 mm	5,340 mm ³	33.7 grams	250 pieces



Permeability (μ) **60**

$A_L \pm 8\%$ **61**

Winding Turn Length	
Winding Factor	Length/Turn (cm)
100% (Unity)	5.93
60%	5.09
40%	4.27
20%	3.91
0%	3.78

Wound Coil Dimensions	
Maximum O.D. (u.w.f.)*	46.7 mm
Maximum HT. (u.w.f.)*	28.0 mm

*u.w.f. – unity winding factor

Surface Area	
Unwound Core	31.5 cm ²
40% Winding Factor	48.0 cm ²

AWG Wire Size	Single Layer Turns	Single Layer Rdc (Ohms, Ω)	AWG Wire Size	Single Layer Turns	Single Layer Rdc (Ohms, Ω)
8	15	0.00117	18	52	0.0411
9	17	0.00166	19	58	0.0578
10	19	0.00236	20	65	0.0815
11	22	0.00343	21	74	0.118
12	25	0.0055	22	83	0.166
13	28	0.00693	23	92	0.231
14	32	0.00999	24	103	0.328
15	36	0.0142	25	116	0.465
16	41	0.0204	26	130	0.66
17	46	0.0288	27	145	0.922