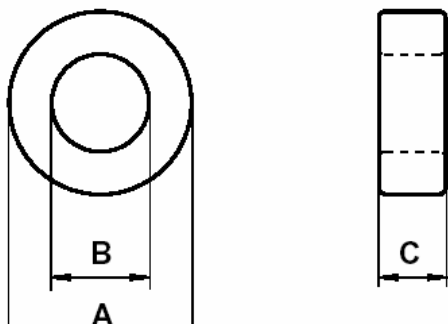




0055191A2

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Pittsburgh, PA 15238
Phone: 412/696-1333
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Email: magnetics@spang.com

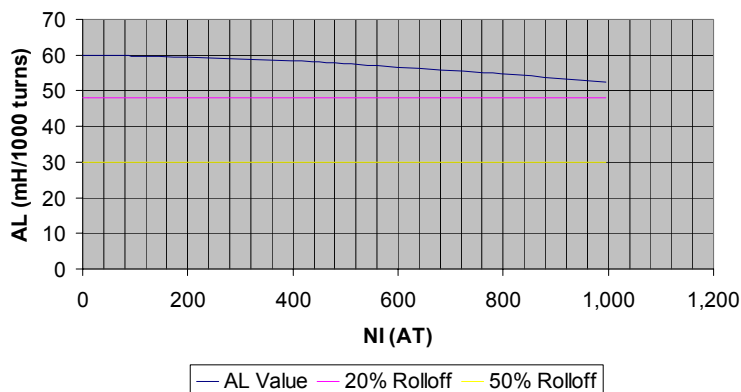


Core Markings
XXXXXX
lot number
55191A2
part number

DIMENSIONS		
(mm)	Uncoated	Coated
O.D. (A)	57.2	58.0
I.D. (B)	26.4	25.6
Ht. (C)	15.2	16.1

PHYSICAL CHARACTERISTICS					
W _A Window Area	A _e Cross Section	L _e Path Length	V _e Volume	Weight	Box Quantity
514.0 mm ²	229.0 mm ²	125.10 mm	28,600 mm ³	240 grams	80 pieces

Typical AL Values Core: 0055191A2



Permeability (μ) 14

$A_L \pm 8\%$ 32

Winding Turn Length	
Winding Factor	Length/Turn (cm)
100% (Unity)	9.02
60%	8.35
40%	7.62
20%	7.01
0%	6.46

Wound Coil Dimensions	
Maximum O.D. (u.w.f.)*	75.7 mm
Maximum HT. (u.w.f.)*	34.0 mm

*u.w.f. – unity winding factor

Surface Area	
Unwound Core	91.0 cm ²
40% Winding Factor	115 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	20	0.00267	18	70	0.0948
9	23	0.00385	19	78	0.133
10	26	0.00551	20	88	0.189
11	30	0.00801	21	99	0.269
12	34	0.0115	22	111	0.381
13	39	0.0165	23	124	0.534
14	43	0.023	24	138	0.752
15	49	0.033	25	156	1.07
16	55	0.0469	26	174	1.51
17	62	0.0664	27	193	2.10