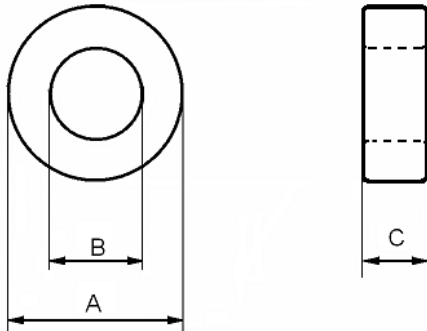




# C055031A2

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Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Nominal DC Resistance (Ohms/mH)	B/NI Gauss per Amp. Turn
60	25 $\pm$ 8%	1.83	42.1 (<1500 gauss)

Dimensions (mm)		
	Uncoated	Coated
O.D. (A)	7.87 nom	8.51 max
I.D. (B)	3.96 nom	3.45 min
Ht. (C)	3.18 nom	3.81 max

Markings		
XXXXXX	031A2	X
Lot Number	Part Number	Inductance Grade

Physical Characteristics					
$W_A$ (mm <sup>2</sup> ) Window Area	$A_e$ (mm <sup>2</sup> ) Cross Section	$L_e$ (mm) Path Length	$V_e$ (mm <sup>3</sup> ) Volume	Weight (grams)	Box Quantity (pieces)
9.22	5.99	17.9	107.2	0.87	10,000

Winding Turn Length (mm)	
Winding Factor	Length/Turn
100% (Unity)	15.98
60%	14.71
40%	13.47
20%	12.92
0%	12.72

Wound Coil Dimensions (mm)	
Maximum O.D. (u.w.f.)*	11.0
Maximum HT. (u.w.f.)*	6.73

\*u.w.f. – unity winding factor

Surface Area (mm <sup>2</sup> )	
Unwound Core	238.0
40% Winding Factor	320.0

