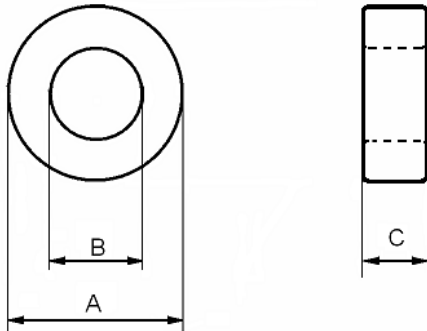




# C055046A2

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Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Nominal DC Resistance (Ohms/mH)	B/NI Gauss per Amp. Turn
550	255 ± 8%	0.067	222 (<50 gauss)

Dimensions (mm)		
	Uncoated	Coated
O.D. (A)	12.70 nom	13.46 max
I.D. (B)	7.62 nom	6.99 min
Ht. (C)	4.75 nom	5.51 max

Markings		
XXXXXX	046A2	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)
38.3	10.9	31.2	340	3.2	5,000

Winding Turn Length (mm)	
Winding Factor	Length/Turn
100% (Unity)	24.90
60%	22.00
40%	19.20
20%	17.97
0%	17.51

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

\*u.w.f. – unity winding factor

Surface Area (mm <sup>2</sup> )	
Unwound Core	560.0
40% Winding Factor	810.0

