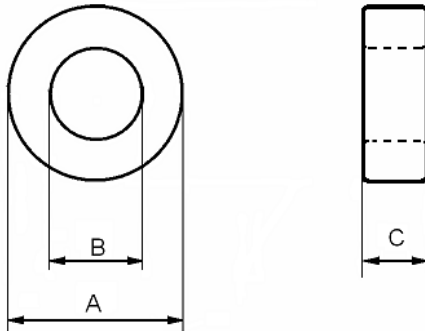




0077083A7

110 Delta Drive
Pittsburgh, PA 15238
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Fax: 412/696-0333
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Permeability (μ)	A_L (nH/T ²)
60	81 $\pm$ 8%

Dimensions (mm)		
	Uncoated	Coated
O.D. (A)	39.9 nom	40.77 max
I.D. (B)	24.1 nom	23.31 min
Ht. (C)	14.5 nom	15.37 max

Markings		
XXXXXX	77083A7	N/A
Lot Number	Part Number	Inductance Grade

Physical Characteristics					
W_A (mm ²) Window Area	A_e (mm ²) Cross Section	L_e (mm) Path Length	V_e (mm ³) Volume	Weight (grams)	Box Quantity (pieces)
427	107.2	98.4	10,500	61.0	180

Winding Turn Length (mm)	
Winding Factor	Length/Turn
100% (Unity)	73.8
60%	63.8
40%	54.0
20%	49.7
0%	48.1

Wound Coil Dimensions (mm)	
Maximum O.D. (u.w.f.)*	56.4
Maximum HT. (u.w.f.)*	35.2

*u.w.f. – unity winding factor

Surface Area (mm ²)	
Unwound Core	4,840
40% Winding Factor	7,170

DC Bias Performance

