0074091A7

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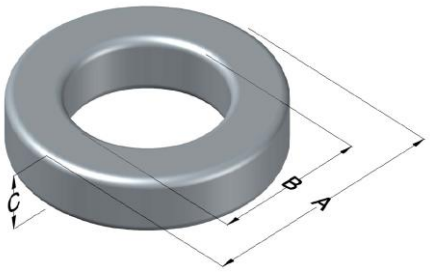


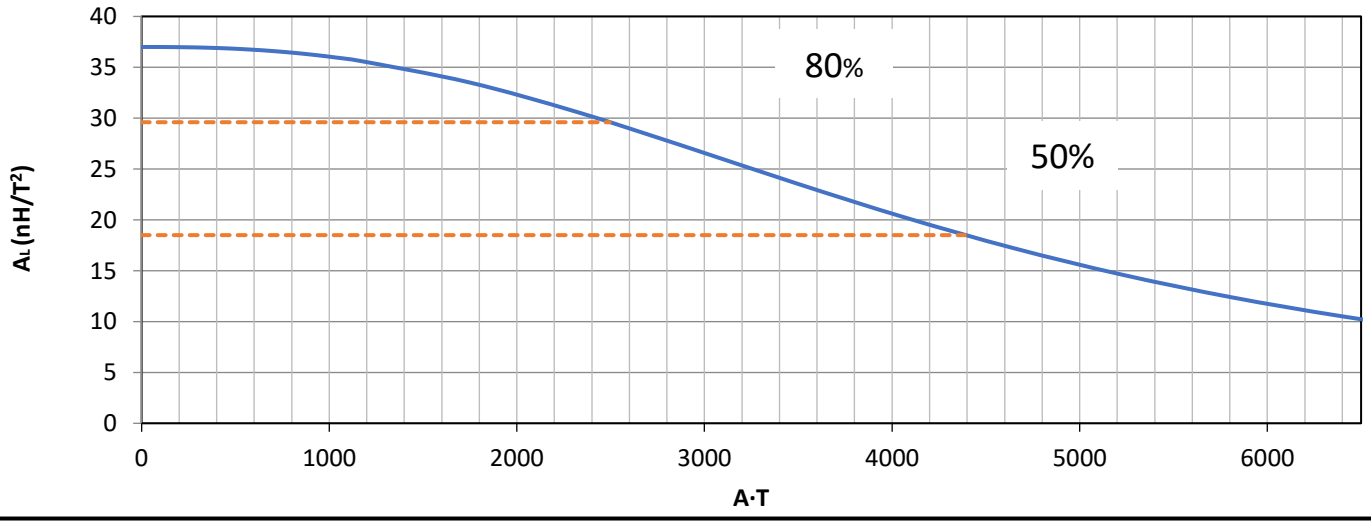
XFlux Ultra Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	37 ± 8%	XXXXXX	74091A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	Cardboard cut-outs Box Qty= 120 pcs
ID (B)	28.70	1.130	27.89	1.098	min	
HT (C)	15.24	0.600	16.13	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100 mT max (mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V_{AC})	Break Strength min (kg)	Window Area W_a(mm²)	Cross Section A_e (mm²)	Path Length L_e (mm)	Volume V_e (mm³)	Est. Weight (g)
	80%	50%							
625	215	400	3000	98	610	134	116.3	15,600	109

Winding Information						Temperature Rating
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD 53.2 / HT 24.5	Coating Temp (Continuous up to): 200°C
0%	52.0	40%	66.1	Completely Full Window	Max OD 56.0 / Max HT 35.7	Notes:
20%	59.3	45%	68.4	Surface Area (mm²)		
25%	60.9	50%	70.3			
30%	62.6	60%	74.8	Unwound Core	6,200	
35%	64.6	70%	79.6	40% Winding Factor	9,500	

Typical DC Bias Performance



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