0077439A7X2

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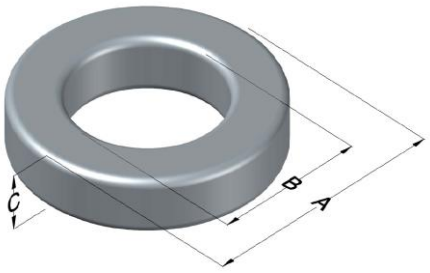


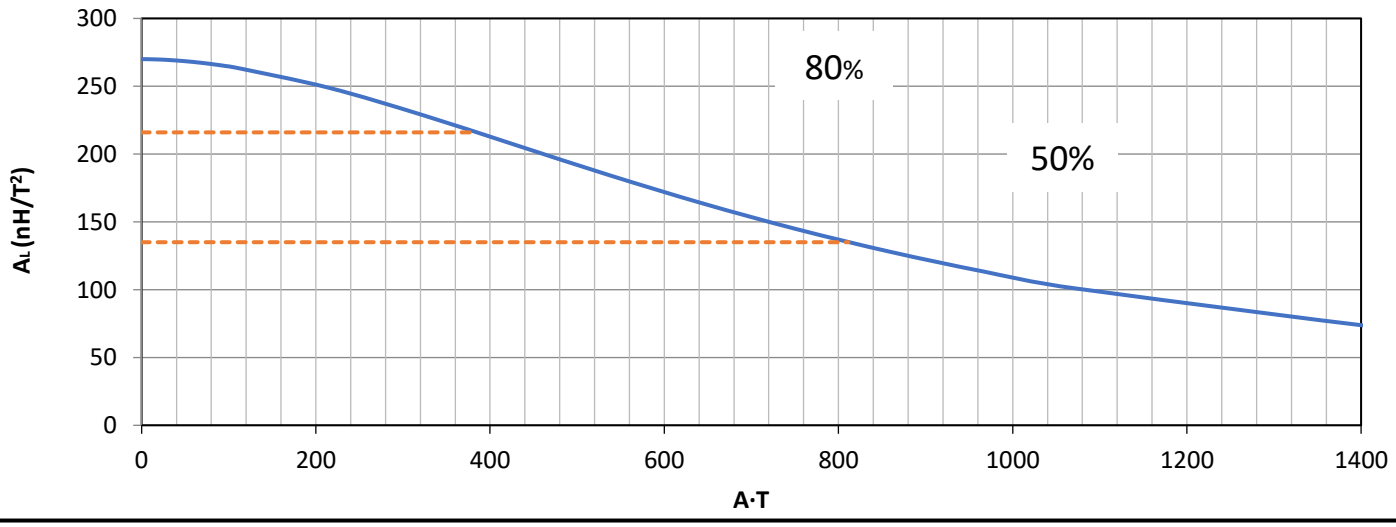
Kool Mμ Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	270 ± 8%	XXXXXX	77439A7X2	N/A	Black

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= 60 pcs
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	36.06	1.420	37.33	1.470	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 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%							
750	39	87	3000	233	427	398	107.4	42,700	258

Winding Information							Temperature Rating
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	52.4	Coating Temp (Continuous up to): 200°C
					HT	44.5	
0%	99.0	40%	111	Completely Full Window	Max OD	54.8	Notes:
20%	105	45%	113		Max HT	54.1	
25%	106	50%	114	Surface Area (mm²)			
30%	108	60%	118	Unwound Core		11,000	
35%	110	70%	122	40% Winding Factor		13,000	

Typical DC Bias Performance



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