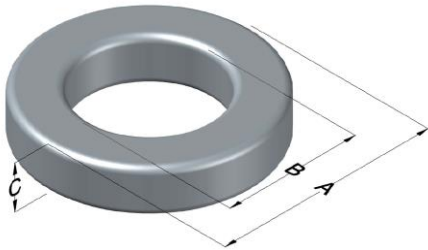




0077442A7

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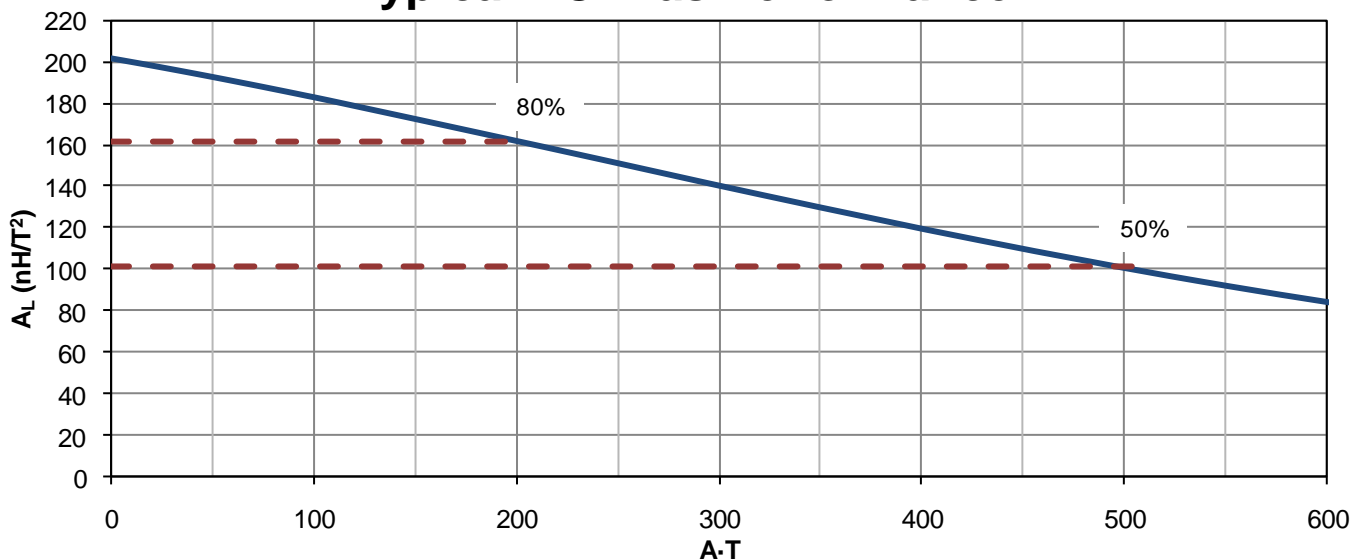
Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	202 ± 8%	XXXXXX	77442A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 105 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	46.70	1.840	47.63	1.875	max	
ID (B)	24.1	0.950	23.3	0.918	min	
HT (C)	18.0	0.710	19.0	0.745	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
900	80%	50%	2000	233.0	427	199	107	21,300	130
	19.5	52.0							

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	51.2	Coating Temp (Continuous up to): 200°C	
					HT	26.0		
				Completely Full Window	Max OD	63.8	Notes:	
					Max HT	38.7		
0%	62.1	40%	74.1	Surface Area (mm²)				
20%	68.2	45%	76.0					
25%	69.7	50%	77.6					
30%	70.9	60%	81.2	Unwound Core		6,900		
35%	72.7	70%	85.4	40% Winding Factor		9,600		

Typical DC Bias Performance



Revision 12/12/2018