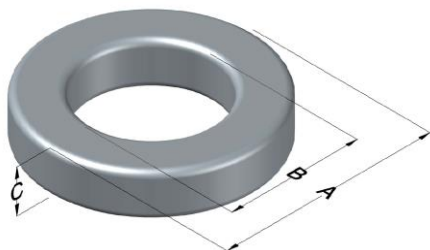




**0077739A7**

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Kool Mμ Permeability (μ)	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	306 ± 8%	XXXXXX	77739A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging  Cardboard cut-outs Box Qty= 24 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	74.10	2.917	75.01	2.953	max	
ID (B)	45.30	1.783	44.39	1.748	min	
HT (C)	35.00	1.378	35.92	1.414	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (A-T/cm)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>A</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
900	80%	50%	2000	113	1,550	497	184	91,400	550
	15.5	41.3							

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	91.0	Coating Temp (Continuous up to): 200°C
					HT	55.2	
				Completely Full Window	Max OD	102	Notes:
					Max HT	65.7	
0%	102	40%	125	Surface Area (mm²)			
20%	114	45%	129				
25%	117	50%	132				
30%	119	60%	139	Unwound Core		19,000	
35%	122	70%	147	40% Winding Factor		33,000	

## Typical DC Bias Performance

