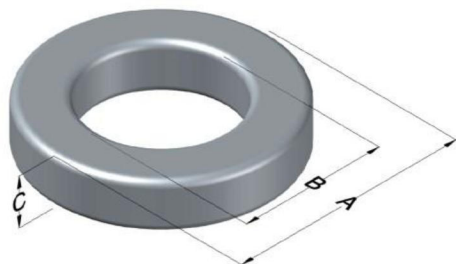




**0076550A7**

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Kool M $\mu$ Hf Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	28 $\pm$ 8%	XXXXXX	76550A7	N/A	Black

Dimensions					Packaging	
Uncoated			Coated Limits			
	(mm)	(in)	(mm)	(in)		
OD (A)	32.79	1.291	33.66	1.325	max	Cardboard cut-outs Box Qty = 250 Pcs
ID (B)	20.09	0.791	19.46	0.766	min	
HT (C)	10.67	0.420	11.43	0.450	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT (max, mW/cm <sup>3</sup> )	DC Bias min (Oersteds)		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)
	80%	50%							
550	130	245	3000	78.9	297	65.6	81.4	5340	31.5

Winding Information					Temperature Rating	
Winding Length per Turn			Wound Coil Dimensions (mm)		Curie Temp (°C):	500 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	36.8
0%	37.1	40%	46.9	Completely Full Window	HT	17.8
20%	42.1	45%	48.5		Max OD	46.7
25%	43.2	50%	50.0	Surface Area (mm <sup>2</sup> )		Notes:
30%	44.4	60%	52.8	Unwound Core:	3100	
35%	45.9	70%	56.3	40% Wound:	4900	

**Typical DC Bias Performance**

