



**0076312A7**

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Kool M $\mu$ Hf Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	18 $\pm$ 8%	XXXXXX	76312A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	22.86	0.900	23.62	0.930	max	Bulk Pack 4 bags/box Box Qty= 1000 pcs
ID (B)	13.97	0.550	13.34	0.525	min	
HT (C)	7.62	0.300	8.38	0.330	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> )	Est. Weight (g)
	80%	50%							
550	130	245	2000	39.0	140	31.7	56.7	1,800	11.0

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		Coating Temp (Continuous up to): 200°C
				OD	25.4	
				HT	12.4	Notes:
				Max OD	27.1	
				Max HT	14.2	
0%	27.0	40%	33.7	Completely Full Window		
20%	30.2	45%	34.6	Surface Area (mm <sup>2</sup> )		
25%	31.0	50%	35.4	Unwound Core		
30%	31.9	60%	ERROR	1,600		
35%	32.8	70%	ERROR	40% Winding Factor		
				2,200		

