



**0079337A7HT22**

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Kool M $\mu$ Max Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	54 ± 8%	XXXXXX	79337A7HT22	N/A	Black

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	132.56	5.219	133.96	5.274	max
ID (B)	78.59	3.094	77.19	3.039	min
HT (C)	20.32	0.800	21.72	0.855	max

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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%							
700	135	285	3000	227.0	4,710	542	324	175,000	950

Winding Information					Min. AL vs. DC Bias					
Winding Length Per Turn				Wound Coil Dimensions (mm)			NI (AT)	AL <sub>MIN</sub> (mH) @20C	AL <sub>MIN</sub> (mH) @100C	
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		1100				2200
				OD	146					
				HT	40.6					
				Max OD	179					
0%	100	40%	139	Max HT	65.4					
20%	120	45%	145	Surface Area (mm <sup>2</sup> )			4400	5500	6600	
25%	125	50%	151	Unwound Core		29,000	4400	5500	6600	
30%	129	60%	162	40% Winding Factor		52,000	7700	7700	7700	
35%	135	70%	176				7700	7700	7700	
					Temperature Rating			7700	7700	7700
					Curie Temp: 500°C; Coating Temp (Continuous up to): 200°C			7700	7700	7700

