



0077936A7HT32

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	138 ± 8%	XXXXXX	77936A7HT32	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 160 pcs
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	30.73	1.210	32.00	1.259	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%							
	58.5	133							

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	30.0	Notes:
				HT	36.5	
				Max OD	37.3	
				Max HT	44.0	
0%	77.6	40%	84.8	Surface Area (mm ²)		
20%	81.1	45%	85.8	Unwound Core		
25%	82.0	50%	86.7	40% Winding Factor		
30%	82.9	60%	88.9			
35%	83.8	70%	91.4			

