



0079342A7

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Kool Mu Max Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
19	50 \pm 8%	XXXXXX	79342A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	132.56	5.219	133.96	5.274	max	Cardboard cut-outs Box Qty= 16 pcs
ID (B)	78.59	3.094	77.19	3.039	min	
HT (C)	25.40	1.000	26.80	1.055	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 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)
	80%	50%							
325	185	375	3000	227.0	4,710	678	324	220,000	1300

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200°C
				OD	146	Notes:
				HT	50.7	
				Completely Full Window		
				Max OD	179	
				Max HT	78.8	
				Surface Area (mm ²)		
				Unwound Core		36,000
				40% Winding Factor		65,000

