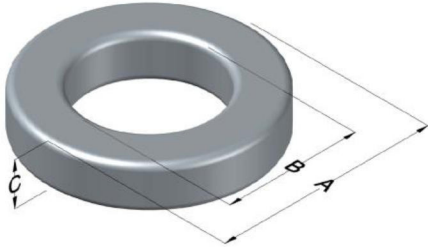




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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
300	166 ± 8%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.86	0.270	7.31	0.288	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	3.96	0.156	3.63	0.143	min	
HT (C)	5.08	0.200	5.54	0.218	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)
	2000	80%							
	8.50	17.5							

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 130°C
				OD	8.06	Notes:
				HT	6.84	
0%	15.5	40%	17.3	Max OD	9.6	
20%	16.4	45%	17.5	Max HT	10.0	
25%	16.6	50%	17.8	Surface Area (mm ²)		
30%	16.8	60%	18.3	Unwound Core	260	
35%	17.0	70%	18.9	40% Winding Factor	330	

Typical DC Bias Performance

