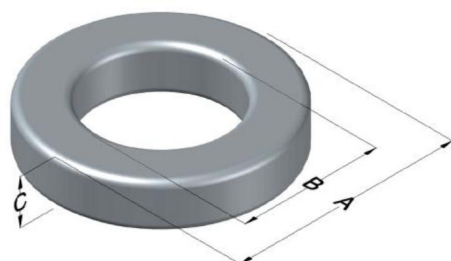




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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
300	247 $\pm$ 8%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.06	0.278	max	
ID (B)	2.67	0.105	2.34	0.092	min	
HT (C)	4.78	0.188	5.23	0.206	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
1050	80%	50%	600	5.8	3.63	9.20	13.6	125	1.1330
	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	OD	7.41	Coating Temp (Continuous up to): 130°C	
					HT	6.11		
	Completely Full Window	Max OD	9.17	Notes:				
		Max HT	7.42					
0%	15.9	40%	17.0		Surface Area (mm²)			Parylene coated, color appears clear to milky white.
20%	16.4	45%	17.2					
25%	16.6	50%	17.3					
30%	16.7	60%	17.7	Unwound Core		230		
35%	16.9	70%	18.0	40% Winding Factor		260		

Typical DC Bias Performance

