



# C055266A2

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MPP Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
550	466 $\pm$ 8%	XXXXXX	266	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.24	0.285	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	2.67	0.105	2.15	0.085	min	
HT (C)	4.78	0.188	5.41	0.213	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%							
2000	1.90	4.20	1250	11.3	3.63	9.20	13.6	125	1.1440

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): 200°C
				OD	7.41	Notes:
0%	15.9	40%	17.0	HT	6.11	
				Max OD	9.17	
20%	16.4	45%	17.2	Max HT	7.42	
25%	16.6	50%	17.3	Surface Area (mm <sup>2</sup> )		
30%	16.7	60%	17.7	Unwound Core	230	
35%	16.9	70%	18.0	40% Winding Factor	260	

## Typical DC Bias Performance

