C055178A2

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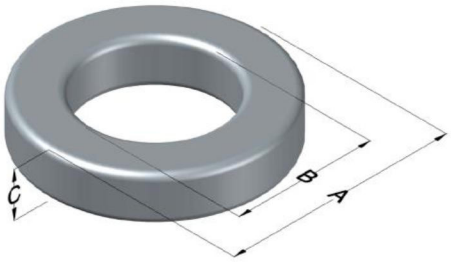

MPP Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
160	53 ± 8%	N/A	N/A	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	4.65	0.183	5.28	0.208	max	Bulk Pack 5 vials/box Box Qty= 5000 pcs
ID (B)	2.36	0.093	1.85	0.073	min	
HT (C)	2.54	0.100	3.18	0.125	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)
	80%	50%							
900	21.0	39.0	-*	3.6	2.69	2.85	10.6	30.3	0.2600

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	5.56	Coating Temp (Continuous up to): 200˚C
					HT	3.73	
0%	9.79	40%	10.7	Completely Full Window	Max OD	6.65	Notes:
20%	10.3	45%	10.9		Max HT	4.94	MPP cores 4.65 mm and smaller are graded into 5% bands. *No voltage breakdown min for A2 or A7 with OD ≤4.65mm
25%	10.4	50%	11.0	Surface Area (mm²)			
30%	10.5	60%	11.3	Unwound Core		110	
35%	10.6	70%	11.6	40% Winding Factor		130	

Typical DC Bias Performance