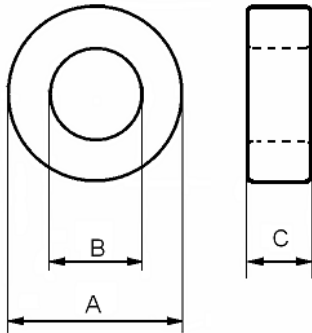




# C055139A2

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MPP Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
147	31 ± 8%	N/A	N/A	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	3.56	0.140	4.20	0.165	max	Bulk Pack 5 vials/box Box Qty= 7500 pcs
ID (B)	1.78	0.070	1.27	0.050	min	
HT (C)	1.52	0.060	2.16	0.085	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm <sup>3</sup> )	DC Bias min (A-T/cm)		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%							
950	18.2	34.1	-*	1.0	1.27	1.30	8.06	10.5	0.096

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460°C
Winding Factor	(mm)	Winding Factor	(mm)	Maximum OD (70%)	4.95	Coating Temp (Continuous up to): 200°C
				Maximum HT (70%)	2.74	
0%	7.24	40%	7.89	Surface Area (mm <sup>2</sup> )		Notes: MPP cores 4.65 mm and smaller are graded into 5% bands. *No voltage breakdown min for A2 or A7 with OD ≤4.65mm
20%	7.56	45%	7.98			
25%	7.65	50%	8.08			
30%	7.70	60%	8.27			
35%	7.81	70%	8.48			
				Unwound Core	48.4	
				40% Winding Factor	65.2	

