C055335A2

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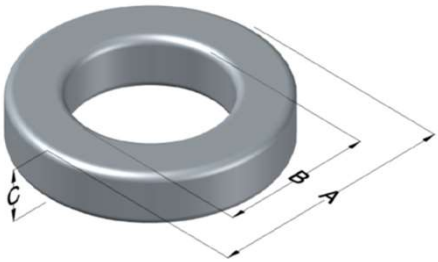


MPP Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	32 ± 8%	XXXXXX	55335A2	X	Grey

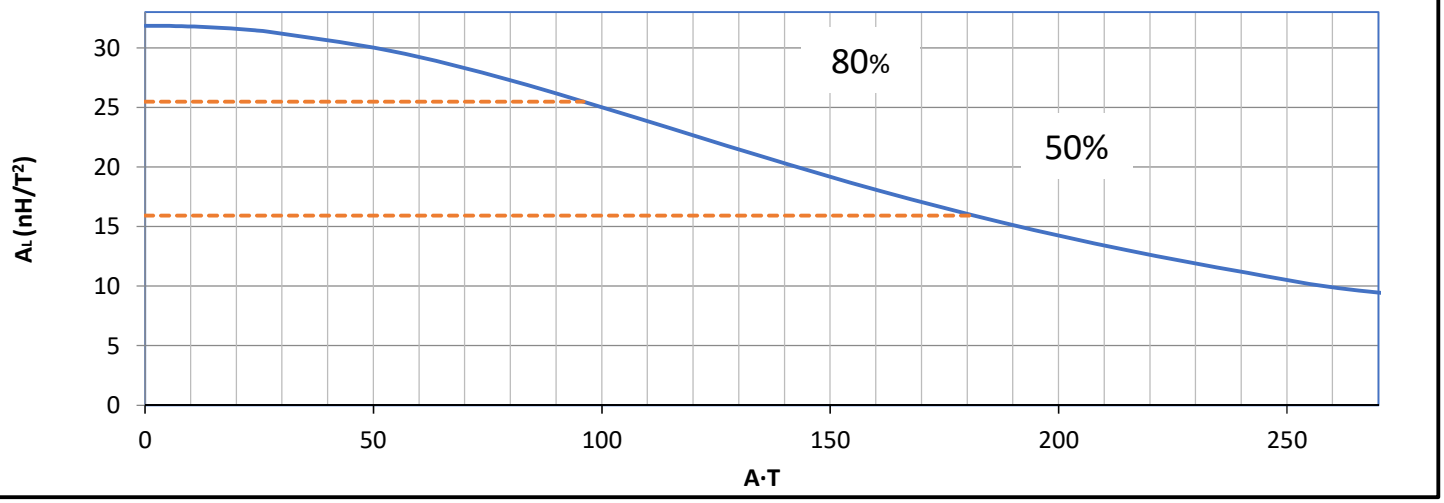
Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	11.18	0.440	11.81	0.465	max	Bulk Pack 4 bags/box Box Qty= 6000 pcs
ID (B)	6.35	0.250	5.84	0.230	min	
HT (C)	3.96	0.156	4.60	0.181	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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%							
750	35	70	1250	11.8	26.8	9.06	26.8	243	1.97

Winding Information				Temperature Rating
Winding Length Per Turn				Curie Temp: 460°C
Winding Factor	(mm)	Winding Factor	(mm)	Coating Temp (Continuous up to): 200°C
0%	15.2	40%	18.1	Notes:
20%	16.7	45%	18.6	
25%	17.0	50%	19.0	
30%	17.3	60%	19.9	
35%	17.8	70%	20.9	

Wound Coil Dimensions (mm)		
40% Winding Factor	OD	13.0
	HT	6.40
Completely Full Window	Max OD	13.6
	Max HT	8.80
Surface Area (mm²)		
Unwound Core		420
40% Winding Factor		580

Typical DC Bias Performance



Revision 10/12/2021