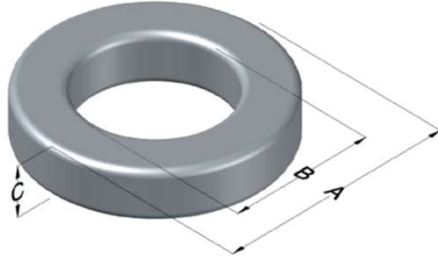




0059100A2

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Edge Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	74 \pm 8%	XXXXXX	59100A2	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	101.60	4.000	103.00	4.055	max	Cardboard cut-outs Box Qty= 25 pcs
ID (B)	57.15	2.250	55.75	2.195	min	
HT (C)	16.51	0.650	17.91	0.705	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _a (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Est. Weight (g)
	80%	50%							
625	150	250	3000	181.0	2,440	358	242.7	87,000	633

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	114
					HT	34.7
0%	83.1	40%	111	Completely Full Window	Max OD	120
20%	97.6	45%	116		Max HT	57.1
25%	101	50%	120	Surface Area (mm ²)		
30%	104	60%	128	Unwound Core		21,000
35%	108	70%	138	40% Winding Factor		35,000
Notes:						
Coating Temp (Continuous up to): 200°C						

