C058906A2

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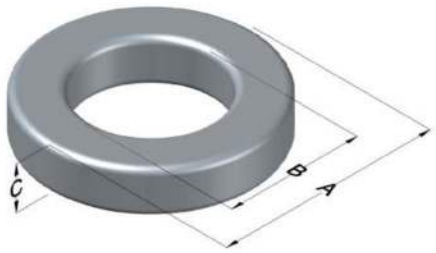

High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	177± 8%	XXXXXX	58906A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	Cardboard cut-outs Box Qty= 40 pcs
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	15.9	0.625	17.0	0.670	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%							
1000	46.0	81.0	3000	141.0	1,820	221	196	43,400	360

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	86.6	Coating Temp (Continuous up to): 200˚C
					HT	32.3	
0%	64.8	40%	89.2	Completely Full Window	Max OD	112	Notes:
20%	77.3	45%	93.2		Max HT	57.7	
25%	80.1	50%	97.0	Surface Area (mm²)			
30%	83.1	60%	104	Unwound Core		13,000	
35%	86.5	70%	113	40% Winding Factor		24,000	

Typical DC Bias Performance