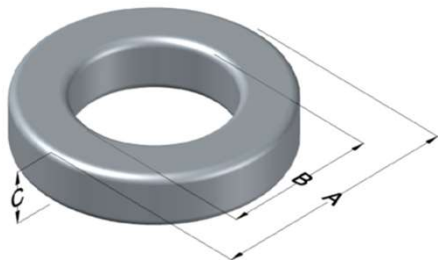




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Xflux Si Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	57 $\pm$ 8%	XXXXXX	78095A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 120 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	
ID (B)	28.70	1.130	27.89	1.098	min	
HT (C)	15.24	0.600	16.13	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 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)	Weight (g)
	80%	50%							
925	140	250	3000	99.0	611	132	116.2	15,300	112

Winding Information						Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	53.2	Coating Temp (Continuous up to): 200°C
					HT	24.5	
				Completely Full Window	Max OD	56.0	Notes:
					Max HT	35.7	
				0%	52.0	40%	
20%	59.3	45%	68.4				
25%	60.9	50%	70.3				
30%	62.6	60%	74.8	Unwound Core		6,200	
35%	64.6	70%	79.6	40% Winding Factor		9,500	

Typical DC Bias Performance

