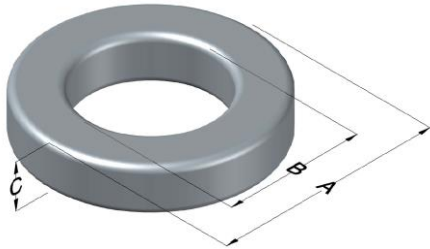




0078934A7

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	113 $\pm$ 8%	XXXXXX	78934A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 400 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	11.18	0.440	11.94	0.470	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 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)
700	80%	50%	3000	77.0	156	65.4	63.5	4,150	31
	48.0	95.0							

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	30.0	Coating Temp (Continuous up to): 200°C	
					HT	16.5		
				Completely Full Window	Max OD	37.3		Notes:
					Max HT	24.0		
0%	37.5	40%	44.6	Surface Area (mm²)				
20%	41.1	45%	45.7					
25%	41.9	50%	46.6					
30%	42.8	60%	48.8	Unwound Core		2,400		
35%	43.8	70%	51.3	40% Winding Factor		3,500		

Typical DC Bias Performance

