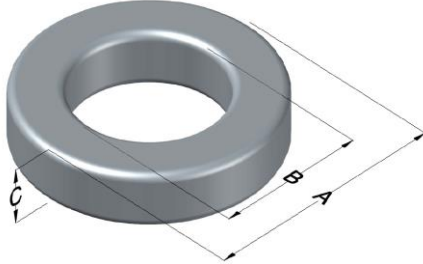




0078163A7

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XFlux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
19	57 ± 8%	XXXXXX	78163A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	165.10	6.500	166.50	6.555	max	Cardboard cut-outs Box Qty= 6 pcs
ID (B)	102.41	4.032	101.02	3.977	min	
HT (C)	31.75	1.250	33.15	1.305	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 50 mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength typ (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%							
215	290	575	3000	494	8,010	986.5	412.4	407,000	2,400

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		Coating Temp (Continuous up to): 200°C
				OD	187	Notes:
0%	132	40%	183	HT	63.8	
				Max OD	197	
20%	158	45%	191	Max HT	105	
25%	164	50%	198	Surface Area (mm ²)		
30%	169	60%	213	Unwound Core	55,000	
35%	177	70%	231	40% Winding Factor	99,000	

