



0078612A7

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
19	60 ± 8%	XXXXXX	78612A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	62.00	2.440	62.91	2.477	max	Cardboard cut-outs Box Qty= 45 pcs
ID (B)	32.60	1.283	31.69	1.248	min	
HT (C)	25.0	0.984	25.91	1.020	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 50mT 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%							
230	290	565	2000	193.0	789	360	144	51,800	340

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	75.3	Notes:
0%	83.0	40%	99.5	HT	39.7	
				Max OD	81.4	
20%	91.3	45%	102	Max HT	47.4	
25%	93.4	50%	104	Surface Area (mm ²)		
30%	94.9	60%	109	Unwound Core	12,000	
35%	97.5	70%	115	40% Winding Factor	21,000	

