



0078163A7

110 Delta Drive
 Pittsburgh, PA 15238
 NAFTA Sales: (1)800-245-3984
 HK Sales : (852)3102-9337
 magnetics@spang.com
 www.mag-inc.com



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, 50mT Max (mW/cm ³)	DC Bias Min (A-T/cm)		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)
	215	80%							
	290	575							

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		Coating Temp (Continuous up to): 200°C
				OD	182	Notes:
				HT	63.2	
				Max OD	228	
				Max HT	103	
0%	132	40%	184	Surface Area (mm ²)		
20%	158	45%	192	Unwound Core		
25%	164	50%	199	40% Winding Factor		
30%	170	60%	215			
35%	178	70%	233			

