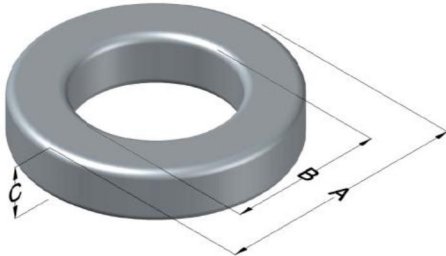




C058083A2HT22

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



High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	120 ± 8%	XXXXXX	58083A2HT22	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	39.88	1.570	40.77	1.605	max	Cardboard cut-outs Box Qty= TBD
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	21	0.827	21.90	0.862	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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%							
900	90	170	3000	126	427	156.5	98.4	15,400	120

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	44.3	Notes:
0%	61.3	40%	73.1	HT	28.9	
				Max OD	56.4	
20%	67.3	45%	75.0	Max HT	41.7	
25%	68.7	50%	76.8	Surface Area (mm ²)		
30%	70.1	60%	80.3	Unwound Core	5,400	
35%	71.8	70%	84.5	40% Winding Factor		

