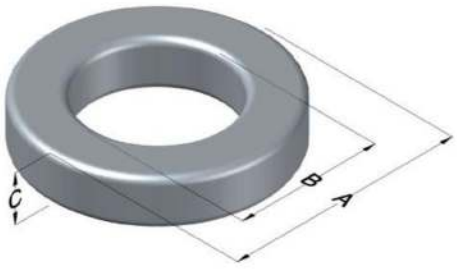
0076083A7

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



Kool Mμ H*f* Permeability (μ)	A_L (nH/T^2)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	81 ± 8%	XXXXXX	76083A7	N/A	Black

Dimensions						Packaging
	Uncoated		Coated Limits			
	(mm)	(in)	(mm)	(in)		
OD (A)	39.88	1.570	40.77	1.605	max	Cardboard cut-outs Box Qty = 180 Pcs
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	14.48	0.570	15.37	0.605	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT	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)
(max, mW/cm^3)	80%	50%							
450	45	100	3000	126	427	107	98.4	10600	67.9

Winding Information							Temperature Rating	
Winding Length per Turn				Wound Coil Dimensions (mm)			Curie Temp (°C):	500 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	44.3	Coating Temp: (Continuous, up to; °C)	200 °C
					HT	22.4		
0%	48.2	40%	60.2	Completely Full Window	Max OD	56.4	Notes:	
20%	54.3	45%	62.1		Max HT	35.2		
25%	55.8	50%	63.7	Surface Area (mm^2)				
30%	57.0	60%	67.3	Unwound Core:	4800			
35%	58.8	70%	71.5	40% Wound:	7300			

Typical DC Bias Performance