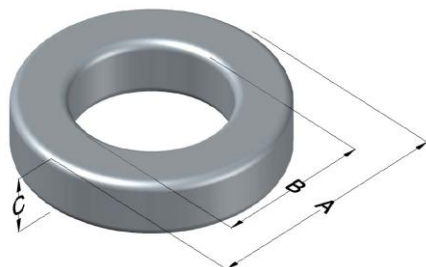




0058719A2

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



High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	109 $\pm$ 8%	XXXXXX	58719A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.80	2.000	51.69	2.035	max	
ID (B)	31.75	1.250	30.94	1.218	min	
HT (C)	13.46	0.530	14.35	0.565	max	Cardboard cut-outs Box Qty= 90 pcs

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100 mT 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)	Est. Weight (g)
950	80%	50%	3000	92	751	125.1	127.3	15,900	128
	60	110							

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	OD	58.1	Coating Temp (Continuous up to): 200°C	
					HT	24.0		
				Completely Full Window	Max OD	61.3		Notes:
					Max HT	36.8		
0%	49.5	40%	65.3	Surface Area (mm ²)				
20%	57.5	45%	67.8					
25%	59.4	50%	69.8					
30%	61.1	60%	74.7	Unwound Core		6,400		
35%	63.5	70%	80.3	40% Winding Factor		11,000		

Typical DC Bias Performance

