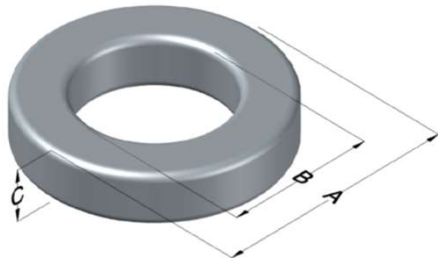




0058910A2

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	
90	128 $\pm$ 8%	XXXXXX	58910A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 40 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	15.88	0.625	17.02	0.670	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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)
950	80%	50%	3000	141.0	1,830	221	196.1	43,400	270
	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	88.9	Coating Temp (Continuous up to): 200°C
					HT	32.0	
				Completely Full Window	Max OD	93.9	Notes:
					Max HT	52.0	
				0%	64.8	40%	
20%	77.3	45%	93.2 <th colspan="3"></th>				
25%	80.2	50%	96.5 <th colspan="3"></th>				
30%	82.8	60%	104 <th>Unwound Core</th> <td colspan="2">13,000</td>	Unwound Core	13,000		
35%	86.7	70%	113 <th>40% Winding Factor</th> <td colspan="2">23,000</td>	40% Winding Factor	23,000		

Typical DC Bias Performance

