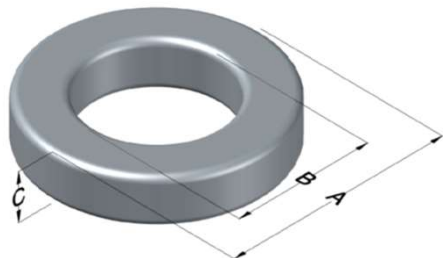




0058774A2

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	
14	47 $\pm$ 8%	XXXXXX	58774A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	Cardboard cut-outs Box Qty= 25 pcs
ID (B)	39.34	1.549	38.33	1.509	min	
HT (C)	25.86	1.018	26.85	1.057	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)
2600	80%	50%	3000	141.0	1,150	492	177.2	87,100	687
	280	530							

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	86.9	Coating Temp (Continuous up to): 200°C
					HT	38.9	
	Completely Full Window	Max OD	86.9	Notes:			
		Max HT	54.9				
	0%	94.3	40%		114	Surface Area (mm²)	
20%	104	45%	117				
25%	107	50%	119				
30%	109	60%	125	Unwound Core		17,000	
35%	112	70%	132	40% Winding Factor		25,000	

Typical DC Bias Performance

