



C055270A2

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



MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	103 \pm 8%	XXXXXX	270	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.24	0.285	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	2.67	0.105	2.15	0.085	min	
HT (C)	4.78	0.188	5.42	0.213	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	25.0	48.5	1000	11.3	3.63	9.20	13.6	125	1.1

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200°C
				OD	7.41	Notes:
				HT	6.11	
				Completely Full Window		
				Max OD	9.17	
				Max HT	7.42	
0%	16.2	40%	17.3	Surface Area (mm ²)		
20%	16.7	45%	17.4	Unwound Core		
25%	16.9	50%	17.6	40% Winding Factor		
30%	17.0	60%	17.9			
35%	17.1	70%	18.3			

Typical DC Bias Performance

