



C055310A2HT16

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	180 \pm 8%	XXXXXX	55310A2HT16	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	22.86	0.900	23.62	0.930	max	Bulk Pack 4 bags/box Box Qty= 500 pcs
ID (B)	13.97	0.550	13.34	0.525	min	
HT (C)	15.24	0.600	16.0	0.630	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm ³)	DC Bias min (A-T/cm)		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 (grams)
	850	80%							
	25.0	48.5							

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	25.7	Notes:
				HT	20.2	
				Max OD	32.6	
				Max HT	27.4	
0%	42.4	40%	49.1	Surface Area (mm ²)		
20%	45.7	45%	50.2	Unwound Core		
25%	46.6	50%	51.1	2,500		
30%	47.4	60%	53.2	40% Winding Factor		
35%	48.3	70%	55.5	3,500		

Typical DC Bias Performance

