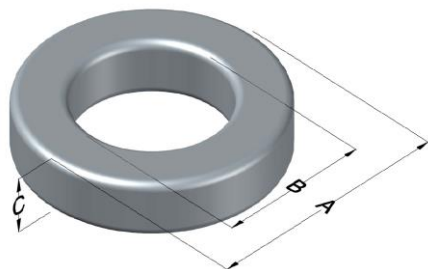




0055235AY

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



MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
300	130 $\pm$ 8%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.06	0.278	max	
ID (B)	2.67	0.105	2.34	0.092	min	
HT (C)	2.54	0.100	3.00	0.118	max	

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)
	80%	50%							
1050	8.5	17.5	600	4.09	4.30	4.8	13.63	65	0.64

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	OD	7.46	Coating Temp (Continuous up to): 130°C
					HT	3.80	
				Completely Full Window	Max OD	7.46	Notes:
					Max HT	4.60	
0%	10.7	40%	12.0	Surface Area (mm ²)			
20%	11.3	45%	12.1				
25%	11.4	50%	12.3				
30%	11.7	60%	12.7	Unwound Core		160	
35%	11.8	70%	13.1	40% Winding Factor		190	

Typical DC Bias Performance

