



0077884A7

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



Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	38 ± 12%	XXXXXX	884A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	9.65	0.380	10.29	0.405	max	Bulk Pack 4 bags/box Box Qty= 8000 pcs
ID (B)	4.78	0.188	4.27	0.168	min	
HT (C)	3.18	0.125	3.81	0.150	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)
	750	80%							
	21.0	52.0							

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	11.0			
					HT	5.17			
0%	13.6	40%	15.9	Completely Full Window	Max OD	13.4			
					Max HT	7.44			
20%	14.7	45%	16.2	Surface Area (mm ²)					
25%	15.0	50%	16.5						
30%	15.3	60%	17.2	Unwound Core		310			
35%	15.6	70%	17.9	40% Winding Factor		410			
								Coating Temp (Continuous up to): 200°C	
								Notes:	

