



**0079517A7**

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



Kool M $\mu$ MAX Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	150 $\pm$ 8%	XXXXXX	79517A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	52.10	2.051	53.00	2.087	max	Cardboard cut-outs Box Qty= 80 pcs
ID (B)	21.50	0.846	20.60	0.811	min	
HT (C)	15.20	0.598	16.10	0.634	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>a</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Est. Weight (g)
	80%	50%							
700	58	116	3000	136.0	333	217	109	23,500	159

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		Coating Temp (Continuous up to): 200°C
				OD	HT	
0%	64.6	40%	75.3	Max OD	57.4	Notes:
20%	70.0	45%	76.8			
25%	71.3	50%	78.3	Max HT	31.5	
30%	72.3	60%	81.5			
35%	74.0	70%	85.2	Surface Area (mm <sup>2</sup> )		
				Unwound Core	7,500	
				40% Winding Factor	9,400	

