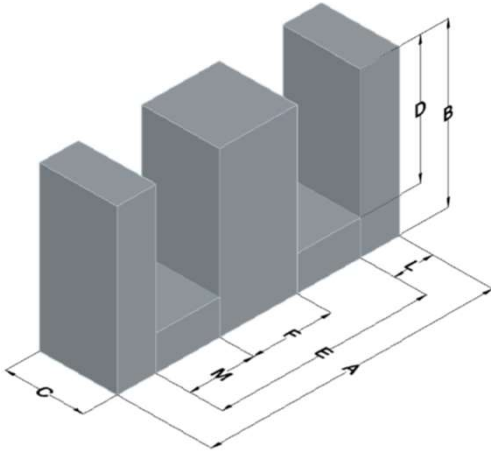




# 00K5530E090

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 $\mu$ Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking	
		Lot Number	Part Number
90	382 ± 8%	XXXXXX	K5530E090

	Dimensions		Tolerance (±)			Packaging
	(mm)	(in)	(mm)	(in)		
<b>A</b>	54.86	2.159	0.81	0.032		Est. Box Qty= 96 Pcs
<b>B</b>	27.56	1.085	0.41	0.016		
<b>C</b>	24.61	0.969	0.38	0.015		
<b>D</b>	18.52	0.729	-	-	<b>Min</b>	<b>Available Hardware</b>
<b>E</b>	37.49	1.475	-	-	<b>Min</b>	PCB5530FA
<b>F</b>	16.76	0.660	0.38	0.015		
<b>L</b>	8.38	0.330	-	-	<b>Nom</b>	
<b>M</b>	10.29	0.405	-	-	<b>Min</b>	

Electrical Characteristics			Physical Characteristics					
Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		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 (Ea. Piece) (g)
	800	80%						
	20	50	57	381	417	123	51,300	153

Notes:	Temperature Rating
	Curie Temp: 500 °C

