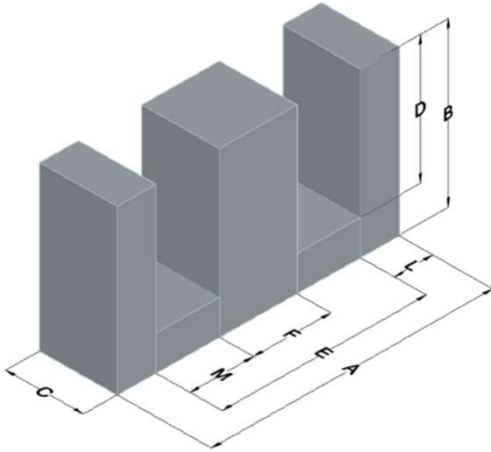




# 00X5530E040

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XFlux Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking	
		Lot Number	Part Number
40	187 $\pm$ 8%	XXXXXX	X5530E040

	Dimensions		Tolerance ( $\pm$ )			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 @ 50kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Break Strength Min (kg)	Window Area $W_a$ (mm <sup>2</sup> )	Cross Section $A_e$ (mm <sup>2</sup> )	Path Length $L_e$ (mm)	Volume $V_e$ (mm <sup>3</sup> )	Est. Weight (Ea. Piece) (g)
	80%	50%						
600	105	200	57	381	417	123	51,300	170

Notes:	Temperature Rating
	Curie Temp: 700 °C

