



# 00X1808E040

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XFlux Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking	
		Lot Number	Part Number
40	35 $\pm$ 8%	XXXXXX	X1808E040

	Dimensions		Tolerance ( $\pm$ )			Packaging
	(mm)	(in)	(mm)	(in)		
<b>A</b>	19.30	0.760	0.30	0.012		Box Qty= 5700 Pcs
<b>B</b>	8.10	0.319	0.18	0.007		
<b>C</b>	4.78	0.188	0.15	0.006		
<b>D</b>	5.54	0.218	-	-	<b>Min</b>	<b>Available Hardware</b>
<b>E</b>	13.92	0.548	-	-	<b>Min</b>	PCB1808B1
<b>F</b>	4.78	0.188	0.13	0.005		00B180801
<b>L</b>	2.39	0.094	-	-	<b>Nom</b>	
<b>M</b>	4.65	0.183	-	-	<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 $A_c$ (mm <sup>2</sup> )	Path Length $L_e$ (mm)	Volume $V_e$ (mm <sup>3</sup> )	Est. Weight (Ea. Piece) (g)
600	80%	50%	2.3	51.5	22.8	40.1	914	3.06
	105	200						

Notes:	Temperature Rating
	Curie Temp: 700 °C

