



# EQH4128E040L120

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High Flux Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking	
		Lot Number	Part Number
40	138 ± 8%	XXXXXX	EQH4128E040L120

	Dimensions		Tolerance (±)			Packaging
	(mm)	(in)	(mm)	(in)		
<b>A</b>	41.50	1.633	0.40	0.016		Box Qty= 160 Pcs
<b>B</b>	12.00	0.472	0.20	0.008		
<b>C</b>	28.00	1.102	0.30	0.012		
<b>D</b>	7.50	0.295	-	-	Nom	Available Hardware
<b>E</b>	36.50	1.436	0.30	0.012		
<b>F</b>	14.90	0.586	0.20	0.008		
<b>G</b>	26.60	1.047	0.30	0.012		

Electrical Characteristics			Physical Characteristics					
Watt Loss @ 100 kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Break Strength typ (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)
850	80%	50%	45	162	200	83.6	16,700	TBD
	120	190						

Note: Standard AL is controlled with full window high turns test coils. Application coils with few turns often result in lower inductance than expected, or sometimes higher.

Notes:	Temperature Rating
	Curie Temp: 500 °C

