

E Cores (9498103002)



Part Number: 9498103002

98 E CORE SET

The E core geometry offers an economical design approach for inductive applications in a variety of power designs.

E cores can be supplied with the center post gapped to a mechanical dimension or an A_L value.

Weight indicated is per pair or set.

Weight: 4.6 (g)

4.0 (8	<u>, </u>			
mm	mm tol	nominal inch	inch misc.	
19	±0.40	0.748		
8	±0.30	0.315		
4.8	±0.30	0.189	_	
5.75	±0.25	0.226		Chart Legend
13.8	min	0.543	min	—Σl/A: Core Constant, l _e : Effective Path—Length, A _e : Effective Cross- Sectional Area,
4.5	±0.30	0.177		Length, A _e : Effective Cross- Sectional Area, Effective Core Volume
			- product class a	
	mm 19 8 4.8 5.75 13.8 4.5	mm mm tol 19 ± 0.40 8 ± 0.30 4.8 ± 0.30 5.75 ± 0.25 $13.8 \min$ 4.5 ± 0.30 Inductance Fact	mm mm tol nominal inch 19	mm mm tol nominal inch inch misc. 19 ±0.40 0.748

Electrical Properties					
$A_L(nH)$	1200 ±25%				
Ae(cm ²)	0.22				
$\Sigma l/A(cm^{-1})$	18.1				
l _e (cm)	3.99				
$V_e(cm^3)$	0.878				
$A_{min}(cm^2)$	0.216				

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