

Part Number: 9498104002

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.

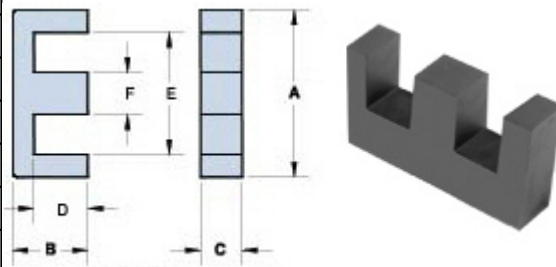
[Catalog Drawing](#)

[3D Model](#)

Weight indicated is per pair or set.

Weight: 7.4 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	20	±0.60	0.787	—
B	9.9	±0.20	0.39	—
C	5.65	±0.25	0.222	—
D	7.2	±0.20	0.283	—
E	14.1	min	0.556	min
F	5.7	±0.20	0.224	—



### Chart Legend

$\Sigma l/A$  : Core Constant,  $l_e$  : Effective Path Length,  $A_e$  : Effective Cross-Sectional Area,  $V_e$  : Effective Core Volume

$A_L$  : Inductance Factor 

Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties	
$A_L$ (nH)	1450 ±25%
$A_e$ (cm <sup>2</sup> )	0.309
$\Sigma l/A$ (cm <sup>-1</sup> )	15
$l_e$ (cm)	4.63

Electrical Properties	
$V_e(\text{cm}^3)$	1.43
$A_{\min}(\text{cm}^2)$	0.3

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