

Part Number: 5698110821

98 POT CORE SET

**Pot cores have found application in all types of inductive devices. The core configuration provides a high degree of self-shielding. It also facilitates gapping to enhance utility for a variety of magnetic designs.**

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

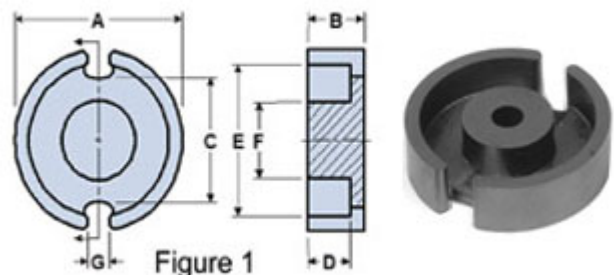
[Catalog Drawing](#)

[3D Model](#)

Weight indicated is per pair or set.

Weight: 1.9.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	11.1	±0.20	0.437	—
B	3.3	±0.10	0.13	—
C	6.8	±0.25	0.268	—
D	2.3	±0.15	0.091	—
E	9.2	±0.20	0.362	—
F	4.6	±0.10	0.181	—
G	2.2	±0.30	0.087	—



## 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)	1750 ±25%
$A_e$ (cm <sup>2</sup> )	0.173
$\Sigma l/A$ (cm <sup>-1</sup> )	9.5

Electrical Properties	
$l_e(\text{cm})$	1.65
$V_e(\text{cm}^3)$	0.284
$A_{\min}(\text{cm}^2)$	0.145

$A_L$  value is measured at 1 kHz,  $B < 10$  gauss.

Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288  
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • [ferrites@fair-rite.com](mailto:ferrites@fair-rite.com) • [www.fair-rite.com](http://www.fair-rite.com)