

Part Number: 5698362321

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: 54.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	35.6	±0.60	1.402	—
B	10.9	±0.20	0.429	—
C	26.2	±0.60	1.031	—
D	7.6	±0.30	0.299	—
E	29.5	min	1.162	min
F	15.9	±0.30	0.626	—
G	5.15	±0.40	0.203	—
H	5.45	±0.25	0.215	—

### 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)	8500 ±25%
$A_e$ (cm <sup>2</sup> )	1.84
$\Sigma l/A$ (cm <sup>-1</sup> )	2.9

Electrical Properties	
$l_e$ (cm)	5.53
$V_e$ (cm <sup>3</sup> )	9.78
$A_{min}$ (cm <sup>2</sup> )	1.64

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

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