

# Pot Cores (5698221421)



Part Number: 5698221421

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.

Weight indicated is per pair or set.

Weight: 12.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	21.6	±0.40	0.85	—
B	6.7	±0.10	0.264	—
C	14.9	±1.60	0.587	—
D	4.7	±0.15	0.185	—
E	18.2	±0.40	0.717	—
F	9.25	±0.15	0.364	—
G	3.7	±0.70	0.146	—
H	4.55	±0.15	0.179	—

### 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)	4100 ±25%
$A_e$ (cm <sup>2</sup> )	0.648
$\Sigma l/A$ (cm <sup>-1</sup> )	4.8
$l_e$ (cm)	3.12
$V_e$ (cm <sup>3</sup> )	2
$A_{min}$ (cm <sup>2</sup> )	0.51

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