

# Pot Cores (5678110821)



Part Number: 5678110821

78 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: 1.9.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	11.1	±0.20	0.437	<input type="checkbox"/>
B	3.3	±0.10	0.13	<input type="checkbox"/>
C	6.8	±0.25	0.268	<input type="checkbox"/>
D	2.3	±0.15	0.091	<input type="checkbox"/>
E	9.2	±0.20	0.362	<input type="checkbox"/>
F	4.6	±0.10	0.181	<input type="checkbox"/>
G	2.2	±0.30	0.087	<input type="checkbox"/>

### 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)	1600 ±25%
$A_e$ (cm <sup>2</sup> )	0.173
$\Sigma l / A$ (cm <sup>-1</sup> )	9.5
$l_e$ (cm)	1.65
$V_e$ (cm <sup>3</sup> )	0.284
$A_{min}$ (cm <sup>2</sup> )	0.145

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