

Pot Cores (5698110821)



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.

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)	1650 ±25%
A_e (cm ²)	0.173
$\Sigma l / A$ (cm ⁻¹)	9.5
l_e (cm)	1.65
V_e (cm ³)	0.284
A_{min} (cm ²)	0.145

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