

Pot Cores (5698302021)

Part Number: 5698302021

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: 34.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	30	±0.50	1.181	—
B	9.4	±0.20	0.37	—
C	20.6	min	0.811	min
D	6.6	±0.20	0.26	—
E	25	min	0.984	min
F	13.3	±0.20	0.524	—
G	3.68	min	0.145	min
H	5.6	±0.20	0.22	—

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)	5800 ±25%
A_e (cm ²)	1.27
$\Sigma l/A$ (cm ⁻¹)	3.56
l_e (cm)	4.53
V_e (cm ³)	5.75
A_{min} (cm ²)	1.14

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