

Pot Cores (5695261721)



Part Number: 5695261721

95 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: 20.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25.5	±0.50	1.004	—
B	8.05	±0.15	0.317	—
C	17.2	±0.50	0.677	—
D	5.65	±0.20	0.222	—
E	21.6	±0.40	0.85	—
F	11.1	±0.30	0.437	—
G	4.15	±0.50	0.163	—
H	5.4	±0.25	0.213	—

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)	5500 ±25%
A_e (cm ²)	0.867
$\Sigma l / A$ (cm ⁻¹)	4.4
l_e (cm)	3.8
V_e (cm ³)	3.31
A_{min} (cm ²)	0.74

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