

Pot Cores (5678221421)



Part Number: 5678221421

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: 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)	4000 ±25%
A_e (cm ²)	0.648
$\Sigma l/A$ (cm ⁻¹)	4.8
l_e (cm)	3.12
V_e (cm ³)	2
A_{min} (cm ²)	0.51

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