

Pot Cores (5678362321)



Part Number: 5678362321

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: 54.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	35.6	±0.60	1.402	—
B	10.9	±0.20	0.429	—
C	26.2	±0.60	1.031	—
D	7.6	±0.30	0.299	—
E	29.5	min	1.161	min
F	15.9	±0.30	0.626	—
G	5.15	±0.40	0.203	—
H	5.45	±0.25	0.215	—

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)	8300 ±25%
A_e (cm ²)	1.84
$\Sigma l/A$ (cm ⁻¹)	2.9
l_e (cm)	5.53
V_e (cm ³)	9.78
A_{min} (cm ²)	1.64

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