

Part Number: 5678090621

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.

[Catalog Drawing](#)

[3D Model](#)

Weight indicated is per pair or set.

Weight: 1.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	9.15	±0.15	0.36	—
B	2.65	±0.10	0.104	—
C	5.65	±0.15	0.222	—
D	1.8	min	0.071	min
E	7.5	min	0.295	min
F	3.8	±0.10	0.15	—
G	2.1	±0.30	0.083	—

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)	1200 ±25%
A_e (cm ²)	0.112
$\Sigma l/A$ (cm ⁻¹)	12
l_e (cm)	1.35

Electrical Properties	
$V_e(\text{cm}^3)$	0.152
$A_{\text{min}}(\text{cm}^2)$	0.09

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

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