Fair-Rite Products Corp.
Your Signal Solution®

Pot Cores (5695090621)

Part Number: 5695090621

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.

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	0.296	min
F	3.8	±0.10	0.15	_
G	2.1	±0.30	0.083	_

Chart Legend
Σl/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)	1400 ±25%
Ae(cm^2)	0.112
Σl/A(cm^{-1})	12
l_e(cm)	1.35

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

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

Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com • www.fair-rite.com