Fair-Rite Products Corp.
Your Signal Solution®

Pot Cores (5698261721)

Part Number: 5698261721

98 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: 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)	5000 ±25%
Ae(cm^2)	0.867
$\Sigma l/A$(cm^{-1})	4.4

Electrical Properties	
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.

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