Fair-Rite Products Corp.
Your Signal Solution®

Pot Cores (5678181221)

Part Number: 5678181221

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: 6.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	18	±0.40	0.709	_
B	5.35	±0.15	0.211	_
C	13.4	±0.40	0.528	_
D	3.8	±0.20	0.15	_
E	14.9	min	0.587	min
F	7.45	±0.15	0.293	_
G	4	±0.30	0.157	_
H	3.2	±0.20	0.126	_

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)	2600 ±25%
Ae(cm^2)	0.43
Σl/A(cm^{-1})	6

Electrical Properties	
l_e(cm)	2.59
V_e(cm^3)	1.12
A_{min}(cm^2)	0.36

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

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