Fair-Rite Products Corp.
Your Signal Solution®

Pot Cores (5678221421)

Part Number: 5678221421

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: 12.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	21.6	±0.40	0.85	_
B	6.7	±0.10	0.264	_
C	14.9	±1.60	0.587	_
D	4.7	±0.15	0.185	_
E	18.2	±0.40	0.717	_
F	9.25	±0.15	0.364	_
G	3.7	±0.70	0.146	_
H	4.55	±0.15	0.179	_

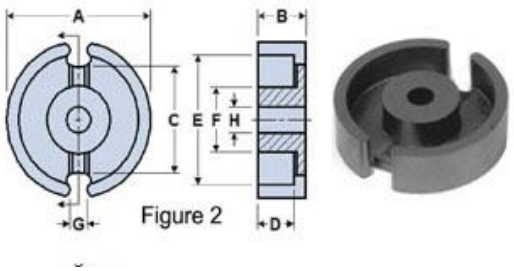


Figure 2

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)	4000 ±25%
Ae(cm^2)	0.648
Σl/ A(cm^{-1})	4.8
l_e(cm)	3.12
V_e(cm^3)	2
A_{min}(cm^2)	0.51

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

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