Fair-Rite Products Corp.
Your Signal Solution®

Pot Cores (5678302021)

Part Number: 5678302021

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: 34.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	30	±0.50	1.181	_
B	9.4	±0.20	0.37	_
C	20.6	min	0.811	min
D	6.6	±0.20	0.26	_
E	25	min	0.984	min
F	13.3	±0.20	0.524	_
G	3.68	min	0.145	min
H	5.6	±0.20	0.22	_

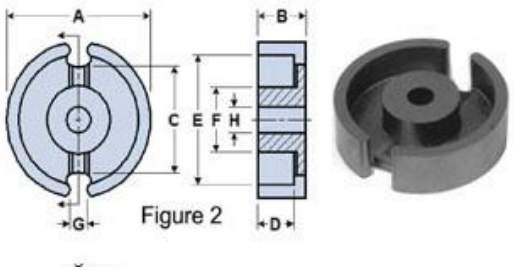

Figure 2

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)	5700 ±25%
Ae(cm^2)	1.27
$\Sigma l/A$(cm^{-1})	3.56
l_e(cm)	4.53
V_e(cm^3)	5.75
A_{min}(cm^2)	1.14

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