Fair-Rite Products Corp.
Your Signal Solution®

Pot Cores (5678362321)

Part Number: 5678362321

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: 54.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	35.6	±0.60	1.402	_
B	10.9	±0.20	0.429	_
C	26.2	±0.60	1.031	_
D	7.6	±0.30	0.299	_
E	29.50	min	1.162	min
F	15.9	±0.30	0.626	_
G	5.15	±0.40	0.203	_
H	5.45	±0.25	0.215	_

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)	8300 ±25%
Ae(cm^2)	1.84
Σl/A(cm^{-1})	2.9

Electrical Properties	
l_e(cm)	5.53
V_e(cm^3)	9.78
A_{min}(cm^2)	1.64

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

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