

# Pot Cores (5678140921)

Part Number: 5678140921

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.**

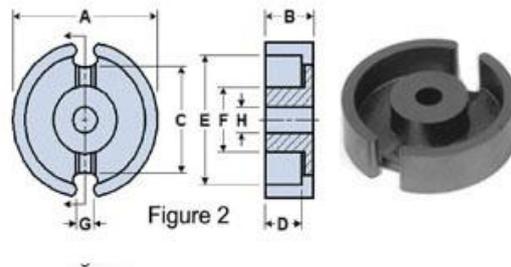
Pot cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

[Catalog Drawing](#)  
[3D Model](#)

Weight indicated is per pair or set.

Weight: 3.2.000 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	14	±0.30	0.551	—
B	4.2	±0.20	0.165	—
C	9.55	±0.30	0.376	—
D	3.1	±0.20	0.122	—
E	11.8	±0.40	0.465	—
F	5.9	±0.20	0.232	—
G	3.3	±0.60	0.13	—
H	2.9	±0.30	0.114	—



### 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)	1950 ±25%
$A_e$ (cm <sup>2</sup> )	0.251
$\Sigma l / A$ (cm <sup>-1</sup> )	7.9
$l_e$ (cm)	1.98
$V_e$ (cm <sup>3</sup> )	0.495
$A_{min}$ (cm <sup>2</sup> )	0.198

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

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