

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	
В	5.35	±0.15	0.211	_
С	13.4	±0.40	0.528	_
D	3.8	±0.20	0.15	_
Е	14.9	min	0.587	min
F	7.45	±0.15	0.293	_
G	4	±0.30	0.157	_
Н	3.2	±0.20	0.126	_

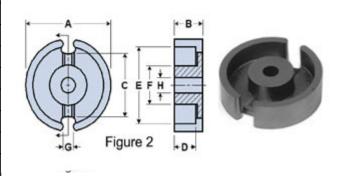


Chart Legend

 $\Sigma l/A \ : \ Core\ Constant, \quad l_{_e}: \ Effective\ Path\ Length, \quad A_{_e}: \ Effective\ Cross-Sectional\ Area, \quad V_{_e}: \ Length, \quad A_{_e}: \ Effective\ Cross-Sectional\ Area, \quad V_{_e}: \ Length, \quad A_{_e}: \ Length, \quad A_{_e$

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	
$\Sigma l/A(cm^{-1})$	6	

Electrical Properties			
$l_e(cm)$	2.59		
$V_{e}(cm^{3})$	1.12		
$A_{\min}(\text{cm}^2)$	0.36		

 $A_{\!\scriptscriptstyle L}$ value is measured at 1 kHz, B < 10 gauss.

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