

Pot Cores (5698362321)



Part Number: 5698362321

98 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 A₁ 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	_
В	10.9	±0.20	0.429	
С	26.2	±0.60	1.031	
D	7.6	±0.30	0.299	_
E	29.5	min	1.162	min
F	15.9	±0.30	0.626	_
G	5.15	±0.40	0.203	_
Н	5.45	±0.25	0.215	

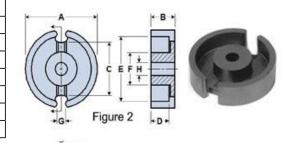


Chart Legend

 Σ l/ A : Core Constant, l_e : Effective Path Length, A_e : Effective Cross- Sectional Area, V_e :

Effective Core Volume
A₁: Inductance Factor

Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties			
$A_L(nH)$	8500 ±25%		
Ae(cm ²)	1.84		
$\Sigma l/A(cm^{-1})$	2.9		
l _e (cm)	5.53		
$V_e(cm^3)$	9.78		
$A_{min}(cm^2)$	1.64		

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

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