

## Pot Cores (5695090621)

Part Number: 5695090621

95 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.**

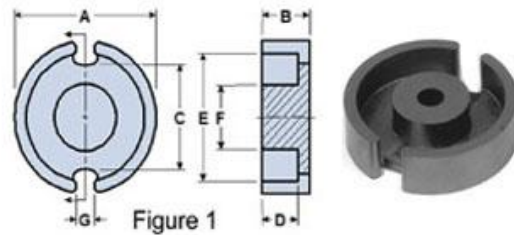
Pot cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

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

Weight indicated is per pair or set.

Weight: 1.000 (g)

| Dim | mm   | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A   | 9.15 | ±0.15  | 0.36         | —          |
| B   | 2.65 | ±0.10  | 0.104        | —          |
| C   | 5.65 | ±0.15  | 0.222        | —          |
| D   | 1.8  | min    | 0.071        | min        |
| E   | 7.5  | min    | 0.295        | min        |
| F   | 3.8  | ±0.10  | 0.15         | —          |
| G   | 2.1  | ±0.30  | 0.083        | —          |



### 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)                         | 1400 ±25% |
| $A_e$ (cm <sup>2</sup> )           | 0.112     |
| $\Sigma l / A$ (cm <sup>-1</sup> ) | 12        |
| $l_e$ (cm)                         | 1.35      |
| $V_e$ (cm <sup>3</sup> )           | 0.152     |
| $A_{min}$ (cm <sup>2</sup> )       | 0.09      |

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