

Pot Cores (5698110821)

Part Number: 5698110821

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 A_L value.

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

Weight indicated is per pair or set.

Weight: 1.9.000 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 11.1 | ±0.20 | 0.437 | — |
| B | 3.3 | ±0.10 | 0.13 | — |
| C | 6.8 | ±0.25 | 0.268 | — |
| D | 2.3 | ±0.15 | 0.091 | — |
| E | 9.2 | ±0.20 | 0.362 | — |
| F | 4.6 | ±0.10 | 0.181 | — |
| G | 2.2 | ±0.30 | 0.087 | — |

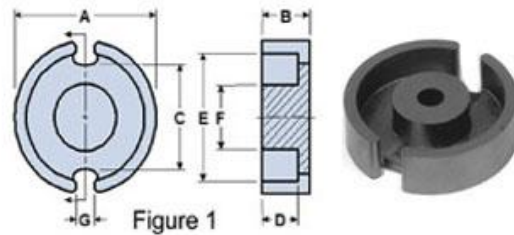


Chart Legend

$\Sigma l / A$: Core Constant, l_c : Effective Path Length, A_c : Effective Cross- Sectional Area, V_c : 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) | 1750 ±25% |
| A_e (cm ²) | 0.173 |
| $\Sigma l / A$ (cm ⁻¹) | 9.5 |
| l_c (cm) | 1.65 |
| V_c (cm ³) | 0.284 |
| A_{min} (cm ²) | 0.145 |

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

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