Fair-Rite Products Corp.
Your Signal Solution®

# Pot Cores (5695181221)

Part Number: 5695181221

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.

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 | _ |
| B | 5.35 | ±0.15 | 0.211 | _ |
| C | 13.4 | ±0.40 | 0.528 | _ |
| D | 3.8 | ±0.20 | 0.15 | _ |
| E | 14.9 | min | 0.587 | min |
| F | 7.45 | ±0.15 | 0.293 | _ |
| G | 4 | ±0.30 | 0.157 | _ |
| H | 3.2 | ±0.20 | 0.126 | _ |

**Chart Legend**
Σl/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) | 3400 ±25% |
| Ae($cm^2$) | 0.43 |
| Σl/A($cm^{-1}$) | 6 |
| $l_e$(cm) | 2.59 |
| $V_e$($cm^3$) | 1.12 |

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| Electrical Properties | |
|---|---|
| $A_{min}(cm^2)$ | 0.36 |

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

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