Fair-Rite Products Corp.
Your Signal Solution®

# Pot Cores (5678261721)

Part Number: 5678261721

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: 20.000 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|---|---|---|---|---|
| A | 25.5 | ±0.50 | 1.004 | _ |
| B | 8.05 | ±0.15 | 0.317 | _ |
| C | 17.2 | ±0.50 | 0.677 | _ |
| D | 5.65 | ±0.20 | 0.222 | _ |
| E | 21.6 | ±0.40 | 0.85 | _ |
| F | 11.1 | ±0.30 | 0.437 | _ |
| G | 4.15 | ±0.50 | 0.163 | _ |
| H | 5.4 | ±0.25 | 0.213 | _ |

**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) | 4800 ±25% |
| Ae($cm^2$) | 0.867 |
| $\Sigma l/A$($cm^{-1}$) | 4.4 |

| Electrical Properties | |
|---|---|
| $l_e$(cm) | 3.8 |
| $V_e$($cm^3$) | 3.31 |
| $A_{min}$($cm^2$) | 0.74 |

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

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