Fair-Rite Products Corp.
Your Signal Solution®

# PQ Cores (6695212021)

Part Number: 6695212021

95 PQ CORE SET

PQ cores were developed for use in power applications. The large surface area to volume of the core aids in heat dissipation. PQ cores are employed both in filter and transformer designs for switch mode power supplies.

 PQ cores can be supplied with the centerpost gapped to a mechanical dimension or an $A_L$ value.

Catalog Drawing
3D Model

Weight indicated is per pair or set.

Weight: 16 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|---|---|---|---|---|
| A | 20.5 | ± 0.40 | 0.807 | _ |
| B | 10.2 | ± 0.15 | 0.402 | _ |
| C | 14 | ± 0.40 | 0.551 | _ |
| D | 7 | ± 0.15 | 0.276 | _ |
| E | 18 | ± 0.40 | 0.709 | _ |
| F | 8.8 | ± 0.20 | 0.346 | _ |
| G | 12 | min | 0.473 | min |

**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) | 3500 ±25% |
| Ae($cm^2$) | 0.625 |
| $\Sigma l/A$($cm^{-1}$) | 7.2 |
| $l_e$(cm) | 4.52 |

| Electrical Properties | |
|---|---|
| $V_e(cm^3)$ | 2.526 |
| $A_{min}(cm^2)$ | 0.608 |

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

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