

Part Number: 9379060002

79 Plate- I18/2/10

Planar EQ and EQI cores, with their low profile, are suitable for board level installation allowing assembly without the need for plastic coilformers and can also allow windings integrated into multi-level PCBs. Planar EQ cores with their low mass and low profile are suitable for Surface Mount installations in low power filter and transformer applications.

- Planar EQ and EQI cores can be supplied with the center post gapped to a mechanical dimension, or an A_L value.

Weight: 2.44 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|-------|--------|--------------|------------|
| A | 18.00 | ± 0.35 | 0.709 | - |
| C | 10.00 | ± 0.2 | 0.394 | - |
| G | 2.00 | - | 0.079 | - |



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) | 2540 +/- 25% |
| A_e (cm ²) | 39.5 |
| $\Sigma l/A$ (cm ⁻¹) | 0.514 |
| l_e (cm) | 20.3 |

| Electrical Properties | |
|-------------------------------|------|
| $V_e(\text{cm}^3)$ | 802 |
| $A_{\text{min}}(\text{cm}^2)$ | .709 |

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

9379060002 is mated with [9479222002](#).

Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com • www.fair-rite.com