Fair-Rite Products Corp.
Your Signal Solution®

Planar Cores (9579250602)

Part Number: 9579250602

79 EQ Core-EQ25/5.6/18

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.

Catalog Drawing
3D Model

Weight: 8.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25.0	± 0.40	0.984	_
B	5.60	± 0.05	0.220	_
C	18.00	± 0.35	0.709	_
D	3.20	± 0.15	0.126	_
E	22.00	± 0.40	0.866	_
F	11.00	± 0.20	0.433	_
G	14.4	± Min	0.567	_

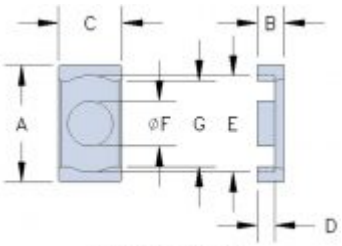


Figure 3 (ER Type 1)

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)	3480
Ae(cm^2)	0.933
$\Sigma l/A$(cm^{-1})	3.52
l_e(cm)	3.28

Electrical Properties	
$V_e(cm^3)$	3.060
$A_{min}(cm^2)$	0.828

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

9579250602 is mated with 9379055002.

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