

Part Number: 6298180121

98 RM CORE SET

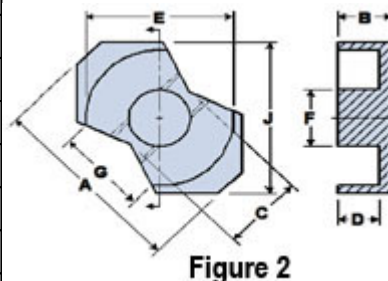
RM (Rectangular Modulus) cores allow better shielding than E type geometries while also providing easier winding accessibility and better power dissipation than a pot core configuration. Fair-Rite's standard RM cores all have a solid center post and standard height, low profile and alternate materials are available upon request.

RM 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: 5.5 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	17.6	± 0.30	0.693	—
B	6.2	± 0.10	0.244	—
C	7.9	± 0.30	0.311	—
D	4.25	± 0.15	0.167	—
E	12.65	± 0.25	0.498	—
F	6.25	± 0.15	0.246	—
G	8.4	min	0.331	min
J	14.4	± 0.30	0.567	—



### 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)	2470 ±25%
$A_e$ (cm <sup>2</sup> )	0.342
$\Sigma l/A$ (cm <sup>-1</sup> )	9.3
$l_e$ (cm)	3.1
$V_e$ (cm <sup>3</sup> )	1.06

Electrical Properties	
$A_{\min}(\text{cm}^2)$	0.312

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

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