

RM Cores (6298140121)



Part Number: 6298140121

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: 3.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	14.3	± 0.30	0.563	
B	5.2	± 0.10	0.205	
C	6.6	± 0.20	0.26	
D	3.25	± 0.15	0.128	
E	10.4	± 0.20	0.409	
F	4.8	± 0.10	0.189	
G	6	min	0.236	min
J	12.05	± 0.25	0.474	

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)	1770 ±25%
A_e (cm ²)	0.233
$\Sigma l/A$ (cm ⁻¹)	10.3
l_e (cm)	2.39
V_e (cm ³)	0.555
A_{min} (cm ²)	0.181

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