

Part Number: 6295230121

95 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.

[Catalog Drawing](#)  
[3D Model](#)

Weight indicated is per pair or set.

Weight: 13 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	22.75	$\pm 0.45$	0.896	—
B	8.2	$\pm 0.10$	0.323	—
C	10.8	$\pm 0.20$	0.425	—
D	5.5	$\pm 0.15$	0.217	—
E	17.3	$\pm 0.30$	0.681	—
F	8.4	$\pm 0.15$	0.331	—
G	9.8	min	0.386	min
J	19.1	$\pm 0.40$	0.752	—

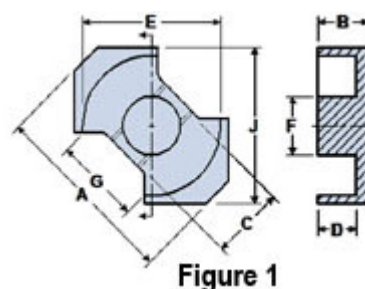



Figure 1

## 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)	3500 $\pm 25\%$
$A_e$ (cm <sup>2</sup> )	0.6

Electrical Properties	
$\Sigma l/A(\text{cm}^{-1})$	6.7
$l_e(\text{cm})$	4.03
$V_e(\text{cm}^3)$	2.419
$A_{\min}(\text{cm}^2)$	0.554

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

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