

E Cores (9498102002)



Part Number: 9498102002

98 E CORE SET

The E core geometry offers an economical design approach for inductive applications in a variety of power designs.

E 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: 1.8 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	12.7	±0.35	0.5	—
B	6.35	±0.15	0.25	—
C	3.6	±0.20	0.142	—
D	4.65	±0.15	0.183	—
E	8.8	min	0.347	min
F	3.6	±0.20	0.142	—



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)	800 ±25%
A_e (cm ²)	0.127
$\Sigma l / A$ (cm ⁻¹)	23.4
l_e (cm)	2.96
V_e (cm ³)	0.376
A_{min} (cm ²)	0.122

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ferrite Cores & Accessories](#) category:

Click to view products by [Fair-Rite](#) manufacturer:

Other Similar products are found below :

[B65512C0000T001](#) [B65522B0000T001](#) [B65549E4X23](#) [B65659F0003X023](#) [B65659F4X23](#) [B65665C0004X000](#) [B65679E3X22](#)

[B65705B0003X000](#) [B65804C2005X000](#) [B65812B3003X22](#) [B65814B2005X000](#) [B65840B1006D001](#) [B65840B1006D002](#)

[B65878E0012D001](#) [B66206A2001X000](#) [B66206J1106T1](#) [B66252BM1](#) [B66288F2204X000](#) [B66306C1010T2](#) [B66341G0000X127](#)

[B66390A1016T001](#) [B67348A1X27](#) [B62152P0007X030](#) [B65518D2001X000](#) [B65535B0003X000](#) [B65539C1003X1](#) [B65542A5000X](#)

[B65655B0009X000](#) [B65687A1000T001](#) [B65714K1020T001](#) [B65734B1000T001](#) [B65734B1000T1](#) [B65804B6010T1](#) [B65814N1008D002](#)

[B65816N1011D1](#) [B65844W1010D001](#) [B65848D1010D1](#) [B65848S2000X](#) [B65884E0012D001](#) [B66202A2010X000](#) [B66202B1106T001](#)

[B66206B1110T001](#) [B66208K1009T001](#) [B66208X1010T001](#) [B66291P0000X187](#) [B66387G1200X187](#) [B66461P0000X187](#) [B67410A72X27](#)

[UECESDFPL20150](#) [UECESDR14C2000](#)