

Planar Cores (9595150602)



Part Number: 9595150602

95 ER CORE SET

Planar EE and EI 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 ER cores with their low mass and low profile are suitable for Surface Mount installations in low power filter and transformer applications.

 \Box Planar EE, ER and EI cores can be supplied with the center post gapped to a mechanical dimension, or an A_L value.

Weight: 1.8 (g)

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mm	mm tol	nominal inch	inch misc.		
14.5	± 0.20	0.571			
2.95	± 0.10	0.116	_	Chart Legend Sl/ A : Core Constant, l _e : Effective Path Length, A _e : Effective Cross- Sectional Area,	
6.7	± 0.10	0.264	_		
1.65	± 0.10	0.065	_		
11.8	± 0.20	0.465	_		V
4.7	± 0.10	0.185	_		v _e
			= product class a		
	mm 14.5 2.95 6.7 1.65 11.8 4.7	$\begin{array}{c cccc} mm & mm \text{ tol} \\ 14.5 & \pm 0.20 \\ 2.95 & \pm 0.10 \\ 6.7 & \pm 0.10 \\ 1.65 & \pm 0.10 \\ 11.8 & \pm 0.20 \\ 4.7 & \pm 0.10 \\ \end{array}$ Inductance Factor	$\begin{array}{ c c c c c c }\hline mm & mm & tol & nominal inch\\\hline 14.5 & \pm 0.20 & 0.571\\\hline 2.95 & \pm 0.10 & 0.116\\\hline 6.7 & \pm 0.10 & 0.264\\\hline 1.65 & \pm 0.10 & 0.065\\\hline 11.8 & \pm 0.20 & 0.465\\\hline 4.7 & \pm 0.10 & 0.185\\\hline Inductance Factor & \\\hline \end{array}$	$\begin{array}{ c c c c c c c c c }\hline mm & mm & tol & nominal inch & inch misc.\\ \hline 14.5 & \pm 0.20 & 0.571 & & & \\ \hline 2.95 & \pm 0.10 & 0.116 & & & \\ \hline 6.7 & \pm 0.10 & 0.264 & & & \\ \hline 1.65 & \pm 0.10 & 0.065 & & & \\ \hline 11.8 & \pm 0.20 & 0.465 & & & \\ \hline 4.7 & \pm 0.10 & 0.185 & & & \\ \hline Inductance Factor & & & & \\ \hline \end{array}$	

Electrical Properties				
$A_L(nH)$	$1610 \pm 25\%$			
Ae(cm ²)	0.176			
$\Sigma l/A(cm^{-1})$	10.8			
l _e (cm)	1.9			
$V_e(cm^3)$	0.333			
$A_{min}(cm^2)$	0.17			

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

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