

## Corres (9277024002)



Part Number: 9277024002

77 U CORE

Explanation of Part Numbers: Digits 1&2 = product class, 3&4 = material grade.

The U core offers an economical core design with a nearly uniform cross-sectional area. In a power ferrite material they are frequently used in output chokes, power input filters and transformers for switched-mode power supplies and HF fluorescent ballasts.

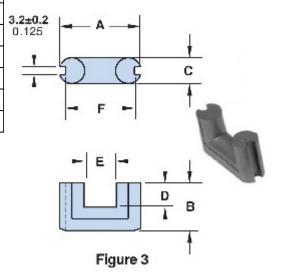
For any U core requirement not listed in the catalog, please contact our customer service group for availability and pricing.

## Catalog Drawing 3D Model

Weight indicated is per pair or set.

Weight: 35 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	31.4	±0.60	1.236	-
	18.5	±0.15	0.729	1
С	10.25	-0.25	0.394	1
D	9.4	Min	0.371	Min
E	12.5	Min	0.493	Min
F	26.6	±0.50	1.047	1



## Chart Legend

 $\bullet$  An I core, 9377024002, is available for these U cores. See I Core Section of our catalog.

 $\Sigma l/A$ : Core Constant,  $l_e$ : Effective Path Length,  $A_e$ : Effective Cross-Sectional Area,  $V_e$ :

## Effective Core Volume $A_L$ : Inductance Factor

<b>Electrical Properties</b>				
$A_L(nH)$	1425 Min			
Ae(cm <sup>2</sup> )	0.83			
$\Sigma l/A(cm^{-1})$	11.2			
l <sub>e</sub> (cm)	9.3			
$V_{\rm e}({\rm cm}^3)$	7.7			

 $A_{\scriptscriptstyle L}$  value is measured at 1kHz, < 10 gauss.

These U cores have the same minimum cross-sectional area as the listed effective cross-sectional area.

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