

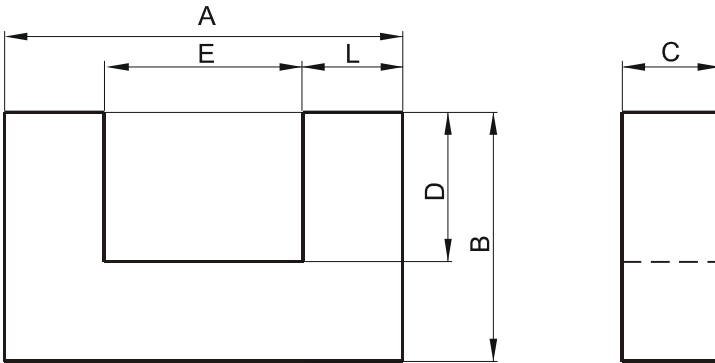


Specification for:

# 0R42512UC

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## DIMENSIONS



(mm)	Nominal:	Tol. min.:	Tol. max.:
<b>A</b>	25.4	-0.5	+ 0.5
<b>B</b>	12.9	-0.4	+ 0.4
<b>C</b>	12.7	-0.4	+ 0.4
<b>D</b>	6.35 Min.		
<b>E</b>	12.8 Ref.		
<b>L</b>	6.3	-0.13	+ 0.13
Eff. Parameters			
<b>Ae mm<sup>2</sup></b>	<b>Amin mm<sup>2</sup></b>	<b>le mm</b>	<b>Ve mm<sup>3</sup></b>
80.0	80.0	68.9	4170

## INDUCTANCE

AL value (nH)	Test conditions
Nom: 1907 Min.: 1430	10 kHz, < 0.5 mT, 25 °C

## MARKING

R UC
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## CORE LOSSES

P <sub>i</sub> max	Test conditions
91 mW/cm <sup>3</sup> (0.38 W/set)	100 kHz, 100 mT, 100 °C
552 mW/cm <sup>3</sup> (2.3 W/set)	100 kHz, 200 mT, 100 °C

## NOTE

Spec. modifications	Previous	Revised
2005-06-22	B=12.57 Min. C=12.32 Min. C=13.08 Max. Losses: General R material	B=12.5 Min. C=12.3 Min. C=13.1 Max. Losses: Detail as indicated