MAGNETICS®
A Division of Spang & Company

Specification for:

0R-42515-IC

110 Delta Drive
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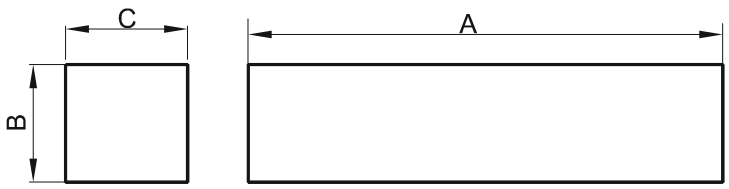
DIMENSIONS



(mm)	Nominal:	Tol. min.:	Tol. max.:
A	25.4	-0.38	+ 0.38
B	3.18	-0.12	+ 0.12
C	6.35	-0.25	+ 0.25
Eff. Parameters (with 0_42515EC)			
Ae mm ^{2}	**Amin mm ^{2}**	**le mm**	**Ve mm ^{3}**
39.8	38.7	48.3	1920

INDUCTANCE

AL value (nH/T²)	Test conditions (with 0R42515EC)
Nom: 1760 Min.: 1320	10 kHz, < 0.5 mT, 25 °C

MARKING

R
IC

CORE LOSSES

P_l max	Test conditions
< 0.169 W/set (< 88 mW/cm³)	100 kHz, 100 mT, 100 °C
< 1.09 W/set (< 570 mW/cm³)	100 kHz, 200 mT, 100 °C

NOTE

Spec. modifications	Previous	Revised
2005-06-22	A=26.04 Min. Losses: General R material	A=26.02 Min. Losses: Detail as indicated
2008-05-20	A=26.02 Min. C=7.37±0.25 Ae=40.1mm Amin=39.7mm Ve=1930mm³ Pv=88mW/cm³ (0.17W/set) Pv=570mW/cm³ (1.1W/set)	A=24.3 Min. C=7.5±0.25 Ae=41.6mm Amin=37mm Ve=2000mm³ Pv=88mW/cm³ (0.176W/set) Pv=570mW/cm³ (1.14W/set)
2011-12-14	A=25±0.7 C=7.5±0.25 Ae=41.6 mm² Amin=37 mm² Le=48.1 mm Ve=2000 mm³ Pv< 0.176 W/set (100 kHz, 100 mT, 100°C) Pv< 1.14 W/set (100 kHz, 200 mT, 100°C)	A=25.4±0.38 C=6.35±0.25 Ae=39.8 mm² Amin=38.7 mm² Le=48.3 mm Ve=1920 mm³ Pv< 0.169 W/set (100 kHz, 100 mT, 100°C) Pv< 1.09 W/set (100 kHz, 200 mT, 100°C)