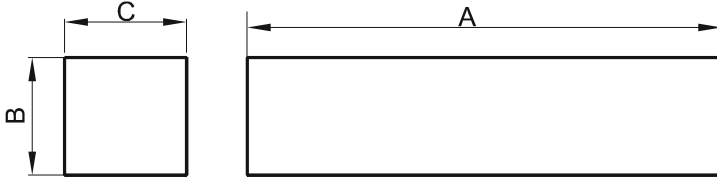


Specification for:

0L-42515-IC

110 Delta Drive
Pittsburgh, PA 15238
Phone: 412/696-1333
Fax: 412/696-0333
Email: magnetics@spang.com

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 0L42515EC) | | | |
| Ae mm² | Amin mm² | le mm | Ve mm³ |
| 39.8 | 38.7 | 48.3 | 1920 |

INDUCTANCE

| AL value (nH/T ²) | Test conditions (with 0L42515EC) |
|-------------------------------|----------------------------------|
| 820 ± 25% | 10 kHz, < 0.5 mT, 25 °C |

MARKING

| |
|---------|
| L IC |
|---------|

CORE LOSSES

| P _i max | Test conditions |
|---|-------------------------|
| < 0.43 W/set (< 225 mW/cm ³) | 1000 kHz, 30 mT, 100 °C |
| < 0.78 W/set (< 405 mW/cm ³) | 3000 kHz, 10 mT, 100 °C |

NOTE

| Spec. modifications | Previous | Revised |
|---------------------|---|---|
| 2010-07-21 | | Issued |
| 2011-12-14 | A=25±0.7 C=7.5±0.25 Ae=41.6 mm ² Amin=37 mm ² Le=48.1 mm Ve=2000 mm ³ Pv= 0.45 W/set (1000 kHz, 30 mT, 100°C) Pv= 0.81 W/set (3000 kHz, 10 mT, 100°C) | A=25.4±0.38 C=6.35±0.25 Ae=39.8 mm ² Amin=38.7 mm ² Le=48.3 mm Ve=1920 mm ³ Pv= 0.43 W/set (1000 kHz, 30 mT, 100°C) Pv= 0.78 W/set (3000 kHz, 10 mT, 100°C) |