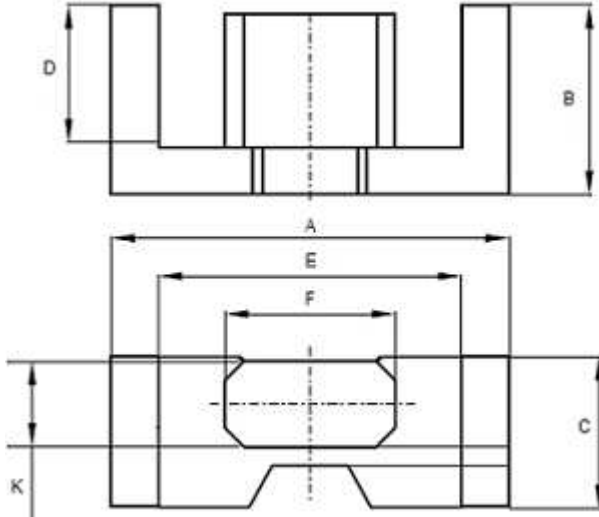


Specification for:

0R42523EC

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 | 25.0 | -0.66 | + 0.66 |
| B | 12.5 | -0.15 | + 0.15 |
| C | 9.1 | -0.2 | + 0.2 |
| D | 9.1 MIN | | |
| E | 18.1 MIN | | |
| F | 11.4 | -0.2 | + 0.2 |
| K | 5.2 | -0.15 | + 0.15 |
| L | 3.15 | -0.2 | + 0.2 |
| M | 3.65 | -0.2 | + 0.2 |
| Eff. Parameters | | | |
| Ae mm² | Amin mm² | le mm | Ve mm³ |
| 58.0 | 55.0 | 57.0 | 3300 |

INDUCTANCE

| AL value (nH) | Test conditions |
|-------------------------|-------------------------|
| Nom: 2093 Min.: 1570 | 10 kHz, < 0.5 mT, 25 °C |

MARKING

| |
|---------|
| R EC |
|---------|

CORE LOSSES

| P _i max | Test conditions |
|--------------------------------------|-------------------------|
| 86 mW/cm ³ (0.2838 W/set) | 100 kHz, 100 mT, 100 °C |
| 530 mW/cm ³ (1.749 W/set) | 100 kHz, 200 mT, 100 °C |

NOTE

| Spec. modifications | Previous | Revised |
|---------------------|--|--|
| 2005-06-22 | D=9.1 MIN. LOSSES: GENERAL R MATERIAL | D=9.05 MIN. LOSSES: DETAIL AS INDICATED |