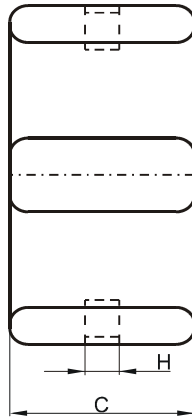
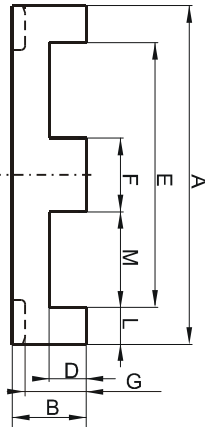


Specification for:

CR41805EC

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 | 18.0 | -0.35 | + 0.35 |
| B | 4.0 | -0.1 | + 0.1 |
| C | 10.0 | -0.2 | + 0.2 |
| D | 2.0 | -0.1 | + 0.1 |
| E | 14.0 | -0.3 | + 0.3 |
| F | 4.0 | -0.1 | + 0.1 |
| G | 3.3 | -0.15 | + 0.15 |
| H | 2.5 | 0.0 | + 0.2 |
| L | 2.0 | | |
| M | 5.0 | | |
| Eff. Parameters | | | |
| Ae mm² | Amin mm² | le mm | Ve mm³ |
| 40.1 | 39.9 | 24.2 | 972 |

INDUCTANCE

| AL value (nH) | Test conditions |
|-------------------------|-------------------------|
| Nom: 3244 Min.: 2433 | 10 kHz, < 0.5 mT, 25 °C |

MARKING

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

CORE LOSSES

| P _i max | Test conditions |
|-------------------------------------|-------------------------|
| 89 mW/cm ³ (0.087 W/set) | 100 kHz, 100 mT, 100 °C |
| 586 mW/cm ³ (0.57 W/set) | 100 kHz, 200 mT, 100 °C |

NOTE

| Spec. modifications | Previous | Revised |
|---------------------|--|---|
| 2005-06-16 | B=4.09 Max. F=4.09 Max. L=2.0±0.1 M=5.0±015 Losses: General R material | B=4.1 Max. F=4.1 Max. L=2.0 Ref. M=5.0 Ref. Losses: Detail as indicated |