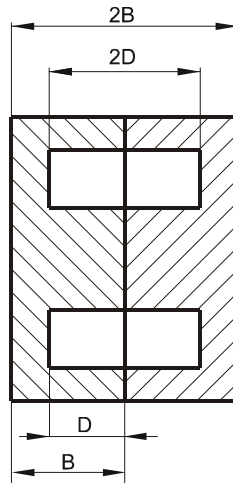
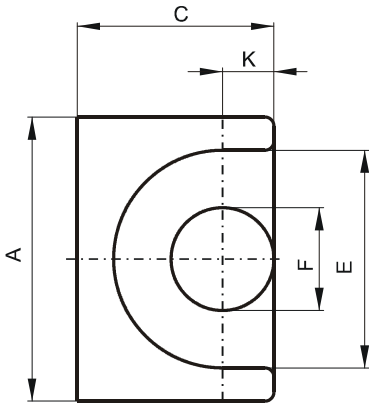


Specification for:

**PF41717UG**

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.:               |
|--------------------------|----------------------------|--------------|--------------------------|
| <b>A</b>                 | 18.0                       | -0.4         | + 0.4                    |
| <b>B</b>                 | 8.4                        | -0.1         | + 0.1                    |
| <b>2B</b>                | 16.8                       | -0.2         | + 0.2                    |
| <b>C</b>                 | 11.0                       | -0.25        | + 0.25                   |
| <b>D</b>                 | 5.7                        | -0.15        | + 0.15                   |
| <b>2D</b>                | 11.4                       | -0.3         | + 0.3                    |
| <b>E</b>                 | 12.0                       | -0.4         | + 0.4                    |
| <b>F</b>                 | 5.7                        | -0.18        | + 0.18                   |
| <b>K</b>                 | 3.3                        | -0.2         | + 0.2                    |
| 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> |
| 33.7                     | 25.5                       | 29.5         | 999                      |

**INDUCTANCE**

| AL value (nH) | Test conditions         |
|---------------|-------------------------|
| 3100 ± 25%    | 10 kHz, < 0.5 mT, 25 °C |

**MARKING**

|         |
|---------|
| F<br>UG |
|---------|

**CORE LOSSES**

| P <sub>i</sub> max                  | Test conditions        |
|-------------------------------------|------------------------|
| 230 mW/cm <sup>3</sup> (0.23 W/set) | 25 kHz, 200 mT, 100 °C |

**NOTE**

| Spec. modifications | Previous   | Revised  |
|---------------------|--|--|
| 2005-06-22          | 2D=11.18 Min.<br>D=5.59 Min.<br>F=5.84 Max.<br>K=3.25±0.18<br>Losses: General F material | 2D=11.1 Min.<br>D=5.55 Min.<br>F=5.88 Max.<br>K=3.3±0.2<br>Losses: Detail as indicated |