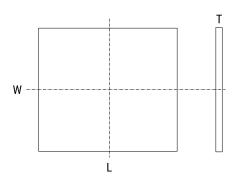
## KEMET Part Number: FPL100/100/10-BH1T



## KEMET, FPL, Ferrite Materials, Wireless Power Charging



| Dimensions |               |  |
|------------|---------------|--|
| L          | 100mm +/-2mm  |  |
| W          | 100mm +/-2mm  |  |
| Т          | 10mm +/-0.2mm |  |

| Packaging Specifications |       |  |
|--------------------------|-------|--|
| Packaging:               | Bulk  |  |
| Packaging Quantity:      | 12    |  |
| Weight:                  | 490 g |  |

| General Information                         |  |
|---|--|
| Series:                                     | FPL  |
| Features:                                   | High frequency range, available in various geometric sizes           |
| RoHS:                                       | Yes  |
| Qualifications:                             | AEC-Q200   |
| Initial Permeability:                       | 3000 +/-25% (23C)  |
| Core Loss:                                  | 345 KW/m3 (23C), 320 KW/m3 (80C), 330 KW/m3 (100C), 370 KW/m3 (120C) |
| Effective Saturation Magnetic Flux Density: | 520 mT (23C), 410 mT (100C)  |
| Effective Saturation Coercive Force:        | 8.5 A/m (23C)  |

| Specifications     |               |  |
|--------------------|---------------|--|
| Temperature Range: | -40/+125°C    |  |
| Power Reference:   | 7.2 kW, 11 kW |  |
| Curie Temperature: | 220C          |  |
| Density:           | 4,900 kg/m3   |  |

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