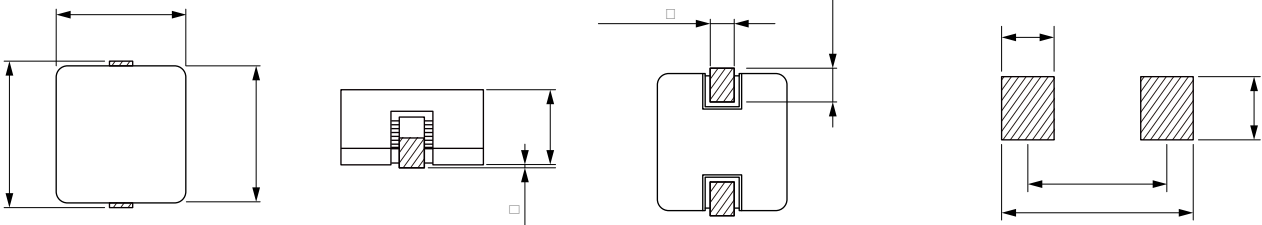


- Low Rdc with flat wire design
- Low copper losses at high frequency
- Magnetic shielded structure
- Quantity: 700pcs

- High current DC/DC converter
- LC filter



| Part No | Inductance | Tolerance | Temperature Rise Current | Current | DC Resistance Typ. | DC Resistance Max. |
|--------------|------------|-----------|--------------------------|---------|--------------------|--------------------|
| FHC1050-R16M | 0.16 | ±20% | 25.0 | 58.0 | 0.56 | 0.70 |
| FHC1050-R40M | 0.40 | ±20% | 24.0 | 37.0 | 0.67 | 0.74 |
| FHC1050-R72M | 0.72 | ±20% | 22.0 | 35.0 | 1.30 | 1.43 |
| FHC1050-1R2M | 1.20 | ±20% | 20.0 | 25.0 | 1.80 | 1.98 |
| FHC1050-1R8M | 1.80 | ±20% | 16.0 | 18.0 | 3.50 | 3.85 |
| FHC1050-2R4M | 2.40 | ±20% | 14.0 | 17.0 | 4.75 | 5.23 |
| FHC1050-3R3M | 3.30 | ±20% | 12.0 | 15.0 | 5.90 | 6.49 |
| FHC1050-4R2M | 4.20 | ±20% | 11.0 | 14.0 | 7.10 | 7.81 |
| FHC1050-5R5M | 5.50 | ±20% | 10.0 | 12.0 | 10.3 | 11.3 |
| FHC1050-6R5M | 6.50 | ±20% | 8.40 | 10.0 | 12.5 | 13.8 |
| FHC1050-7R8M | 7.80 | ±20% | 8.00 | 9.50 | 13.6 | 15.0 |
| FHC1050-100M | 10.0 | ±20% | 7.20 | 8.50 | 16.3 | 18.0 |
| FHC1050-160M | 16.0 | ±20% | 5.00 | 6.50 | 34.5 | 38.0 |

Operating Temperature: -40 °C to +125 °C

Temperature Rise Current: the actual value of DC current when the temperature rise is $\leq 150^{\circ}\text{C}$
 Saturation Current that will cause initial inductance to drop approximately 30%

