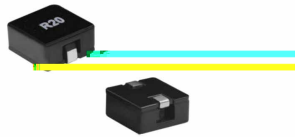


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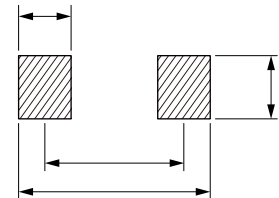
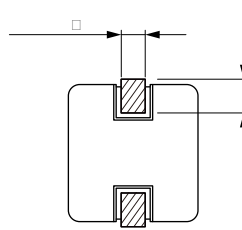
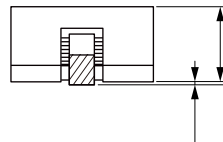
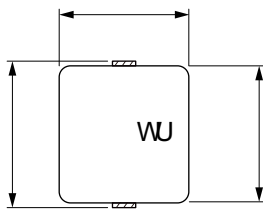


- Low Rdc with flat wire design
- Low copper losses at high frequency
- Magnetic shielded structure
- Quantity: 700pcs

- High current DC/DC converter
- LC filter

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| 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 ΔT50 °C

Saturation Current that will cause initial inductance to drop approximately 30%

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