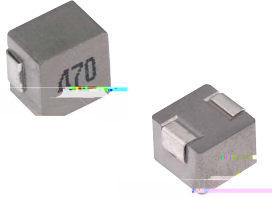


## MDE Series

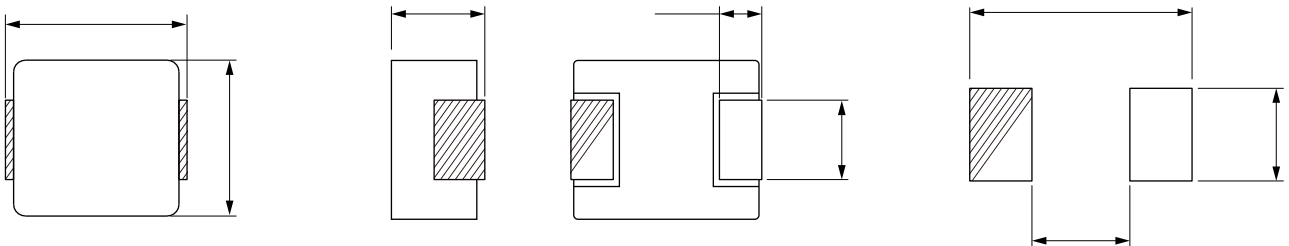


### FEATURES

- High rated current
- Frequency up to 3 MHz
- 125 °C maximum total temperature operation
- Low core loss
- Ultra low buzz noise due to molding construction
- Halogen Free & ROHS compliant
- Operating temperature range - 55 °C to + 125 °C
- Meet MSL level1, refer to J-STD-020
- Quantity: 1500pcs

### APPLICATION

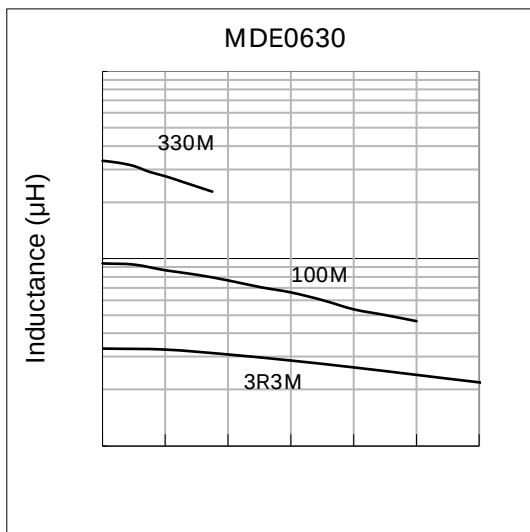
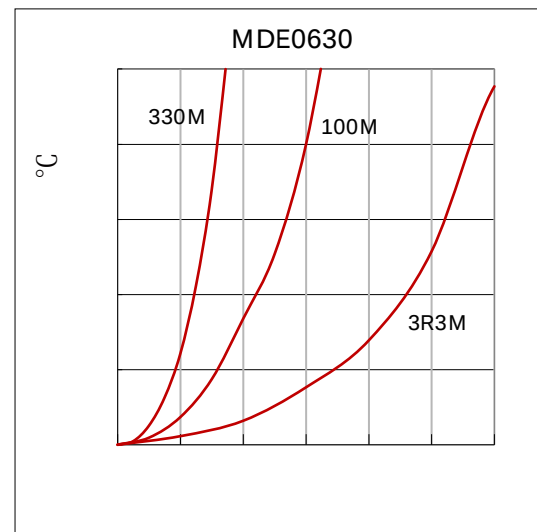
- Laptops and PCs
- Switch and servers
- Base stations
- DC/DC converters
- Battery powered devices
- SSD modules



| MDE0630-R22M | 0.22 | ±20% | 3.00 | 34.0 | 24.0 |
|--------------|------|------|------|------|------|
| MDE0630-R33M | 0.33 | ±20% | 3.50 | 25.0 | 21.0 |
| MDE0630-R47M | 0.47 | ±20% | 4.10 | 20.0 | 18.0 |
| MDE0630-R56M | 0.56 | ±20% | 4.50 | 18.0 | 16.5 |
| MDE0630-R68M | 0.68 | ±20% | 5.30 | 17.0 | 16.0 |
| MDE0630-R82M | 0.82 | ±20% | 6.00 | 16.0 | 14.0 |
| MDE0630-1R0M | 1.00 | ±20% | 7.40 | 15.0 | 12.0 |
| MDE0630-1R5M | 1.50 | ±20% | 12.1 | 12.0 | 12.0 |
| MDE0630-2R2M | 2.20 | ±20% | 15.0 | 10.0 | 9.50 |
| MDE0630-3R3M | 3.30 | ±20% | 22.0 | 9.50 | 8.50 |
| MDE0630-4R7M | 4.70 | ±20% | 33.0 | 9.00 | 6.00 |
| MDE0630-5R6M | 5.60 | ±20% | 42.0 | 6.50 | 5.50 |

| MDE0630-6R8M | 6.80 | ±20% | 48.0 | 6.00 | 5.00 |
|--------------|------|------|------|------|------|
| MDE0630-8R2M | 8.20 | ±20% | 60.0 | 5.50 | 5.00 |
| MDE0630-100M | 10.0 | ±20% | 68.0 | 5.50 | 4.50 |
| MDE0630-150M | 15.0 | ±20% | 113  | 4.00 | 3.00 |
| MDE0630-220M | 22.0 | ±20% | 170  | 3.00 | 2.50 |
| MDE0630-330M | 33.0 | ±20% | 270  | 2.50 | 2.00 |
| MDE0630-470M | 47.0 | ±20% | 385  | 2.00 | 1.50 |

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