

# FDUE0640-H-KR15M#

# indicates a package specification code.



< List of part numbers with package codes >  
FDUE0640-H-KR15M=P3

## Shape

|                        |             |
|------------------------|-------------|
| L size                 | 7.6 ±0.3mm  |
| W size                 | 6.7 ±0.3mm  |
| T size                 | 4.0 mm      |
| Size code in inch (mm) | 3026 (7667) |

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 20%.  
Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40°C by DC current.

## References

| Packaging code | Specifications         | Minimum quantity |
|----------------|------------------------|------------------|
| =P3            | φ330mm Embossed taping | 1000             |

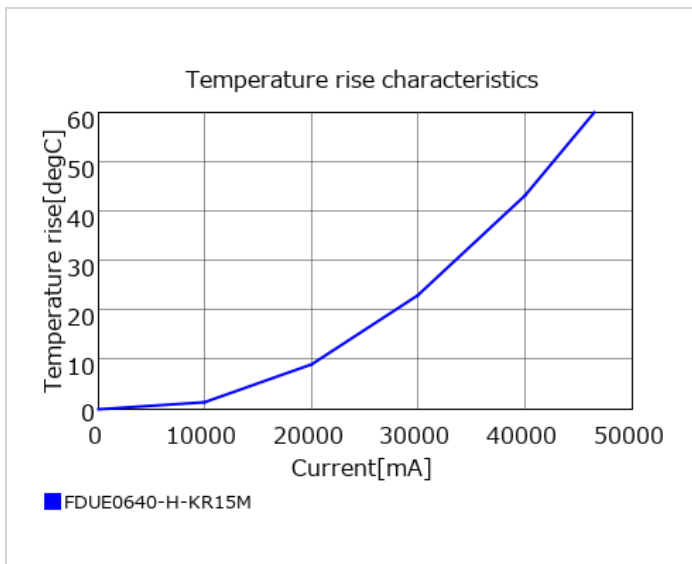
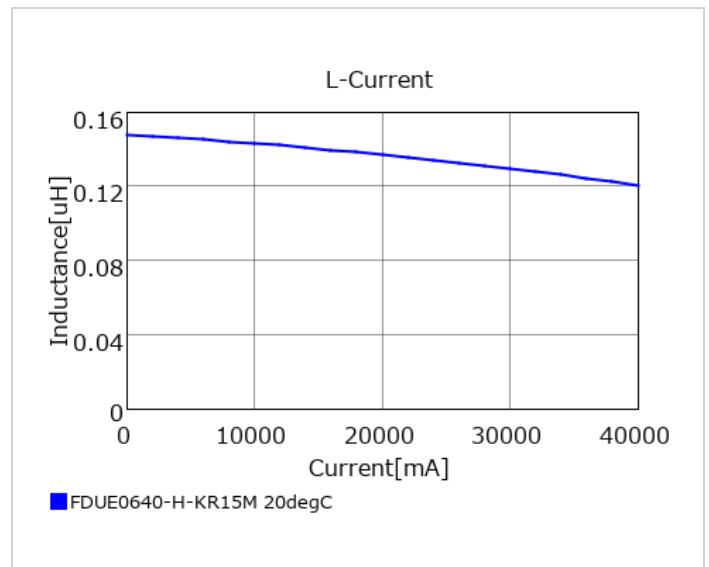
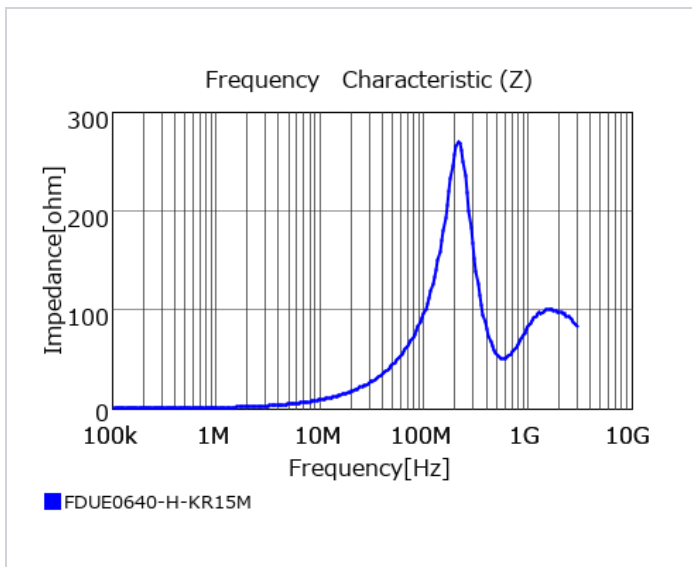
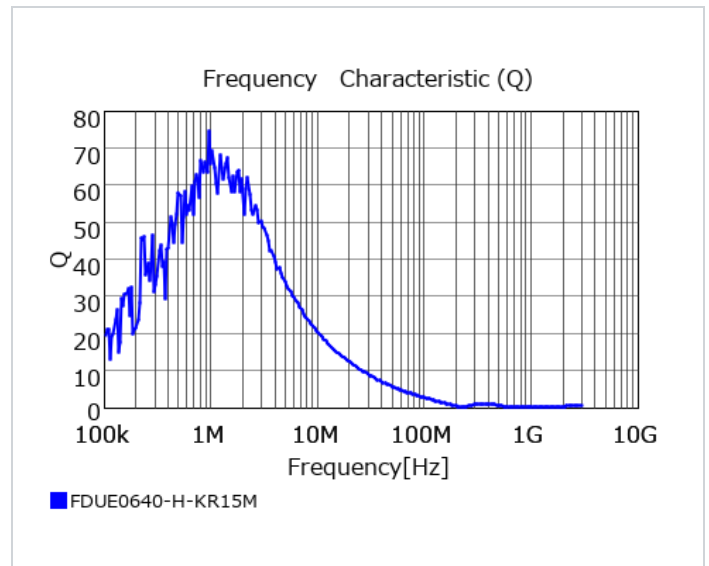
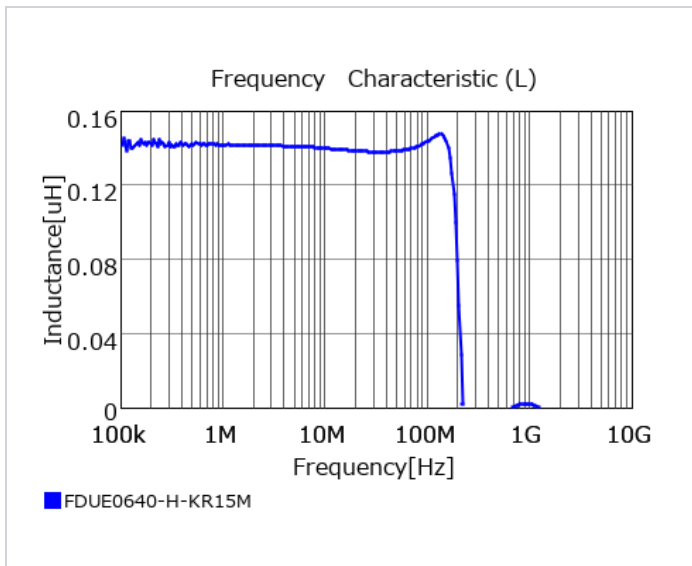
| Mass (Typ.) |       |
|-------------|-------|
| 1 piece     | 1.04g |

## Specifications

|   |                |
|---|----------------|
| Inductance  | 0.15μH ±20%    |
| Inductance test frequency                                       | 0.1MHz         |
| Rated current (I <sub>sat</sub> ) (Based on Inductance change)  | 25000mA        |
| Rated current (I <sub>temp</sub> ) (Based on Temperature rise)  | 33000mA        |
| Max. of DC resistance   | 0.00065Ω       |
| Avg. of DC resistance   | 0.00061Ω ±7%   |
| Operating temperature range (Self-temperature rise is included) | -40°C to 125°C |
| Class of magnetic shield  | Metal Alloy    |
| Absolute maximum voltage  | 30V DC         |
| Series  | FDUE0640       |

### Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



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