

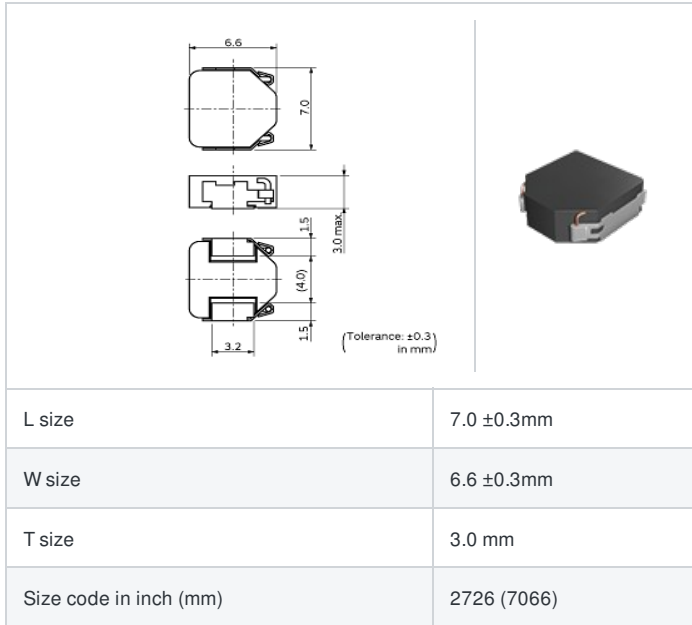
# FDSD0630-H-100M#

# indicates a package specification code.



< List of part numbers with package codes >  
FDSD0630-H-100M=P3

## Shape



## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)  
Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

## References

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

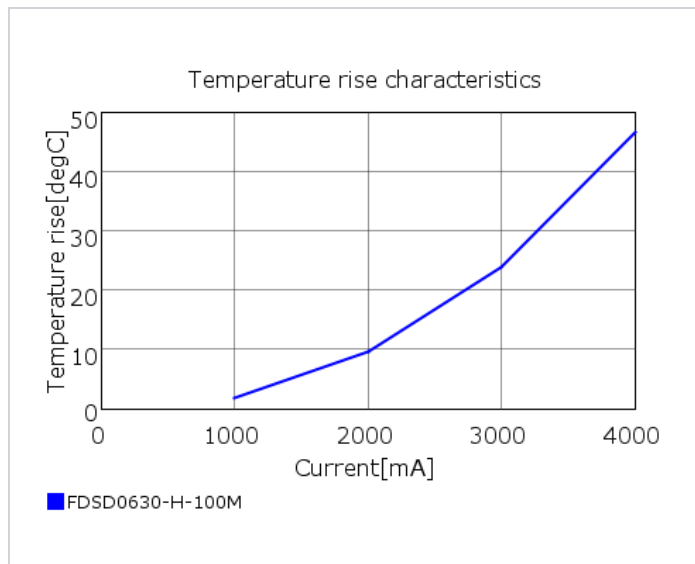
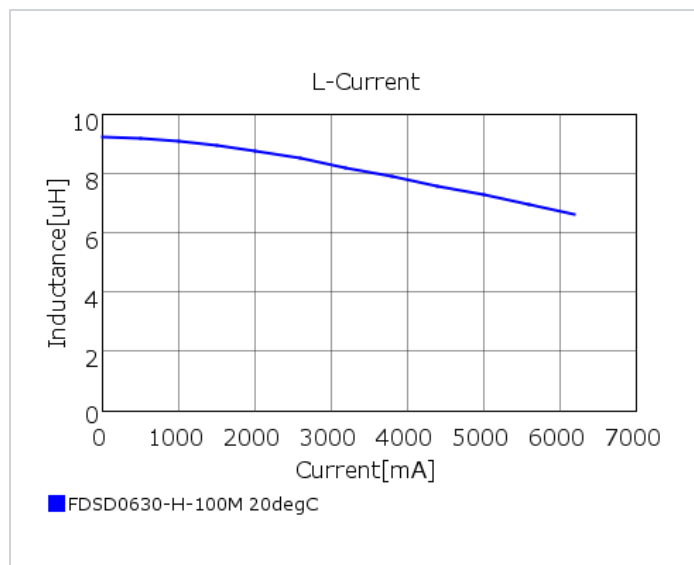
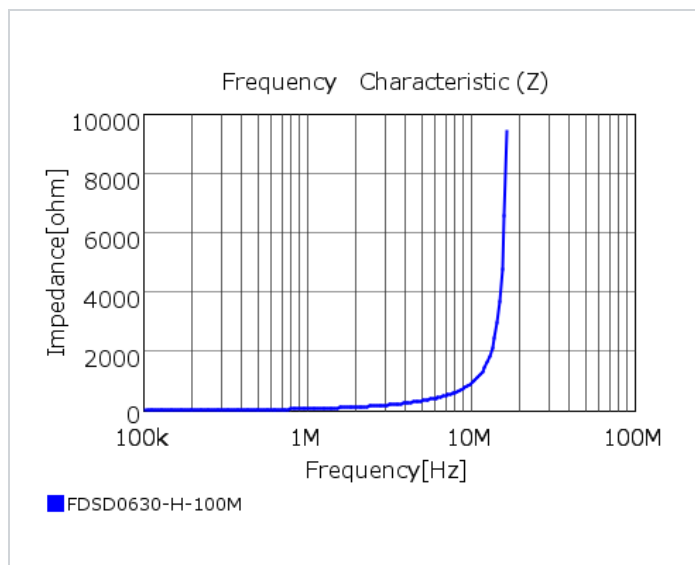
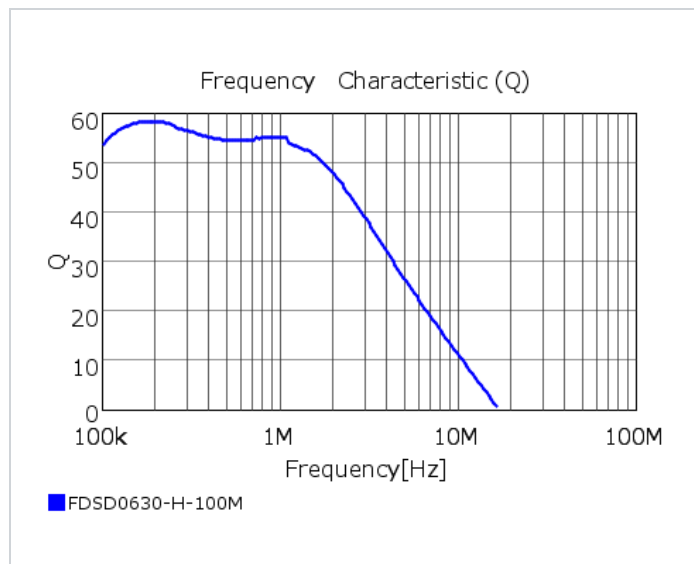
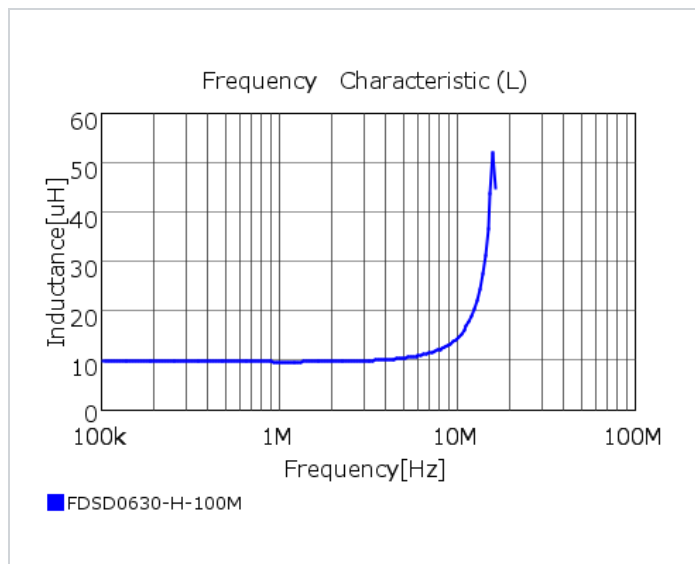
| Mass (Typ.) |      |
|-------------|------|
| 1 piece     | 0.7g |

## Specifications

|   |             |
|---|-------------|
| Inductance  | 10μH ±20%   |
| Inductance test frequency                                       | 0.1MHz      |
| Rated current (Isat) (Based on Inductance change)               | 5400mA      |
| Rated current (Itemp) (Based on Temperature rise)               | 3200mA      |
| Max. of DC resistance   | 0.0740Ω     |
| Operating temperature range (Self-temperature rise is included) | -40~125°C   |
| Class of magnetic shield  | Metal Alloy |
| Absolute maximum voltage  | 30V DC      |
| Series  | FDSD0630    |

### Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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