

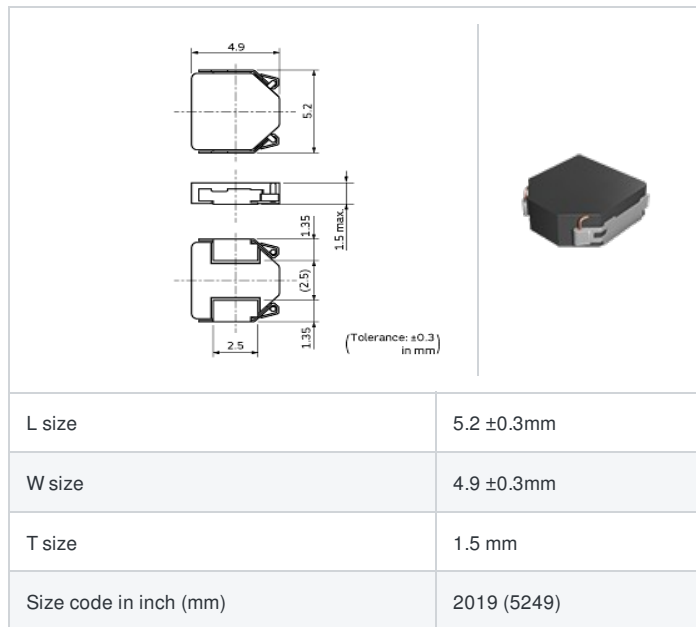
# FDSD0515-H-1R0M#

"#" indicates a package specification code.



< List of part numbers with package codes >  
FDSD0515-H-1R0M=P3

## Shape



## Notes

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

## References

| Packaging code | Specifications         | Minimum quantity |
|----------------|------------------------|------------------|
| =P3            | φ330mm Embossed taping | 4000             |

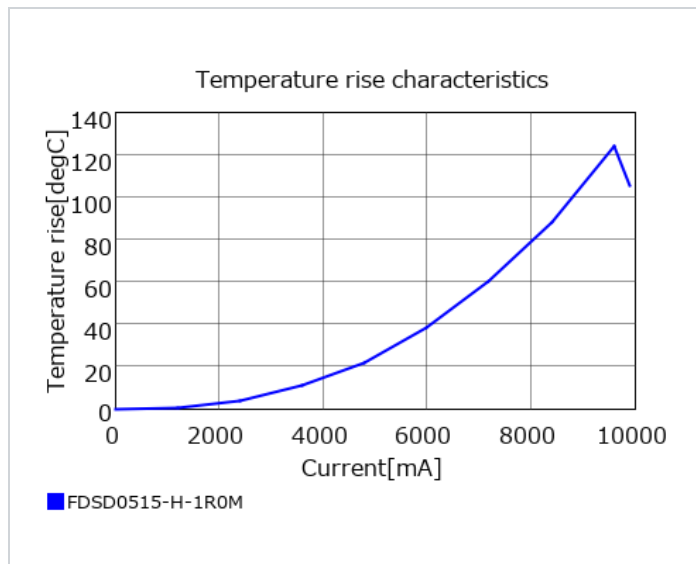
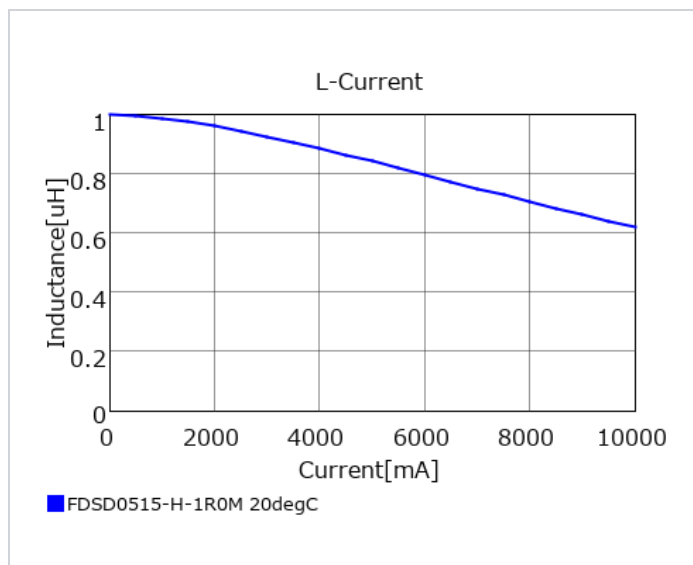
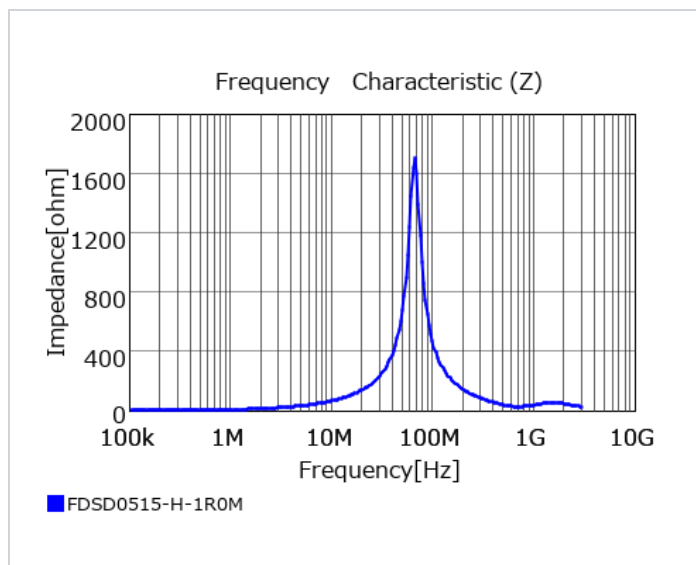
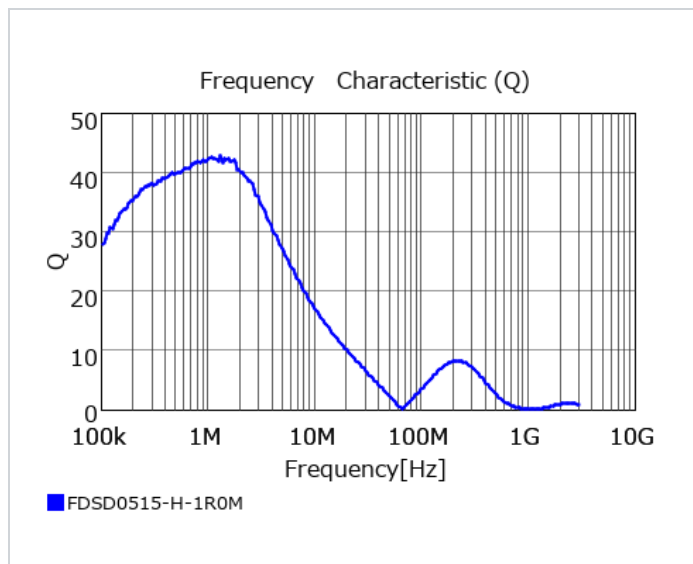
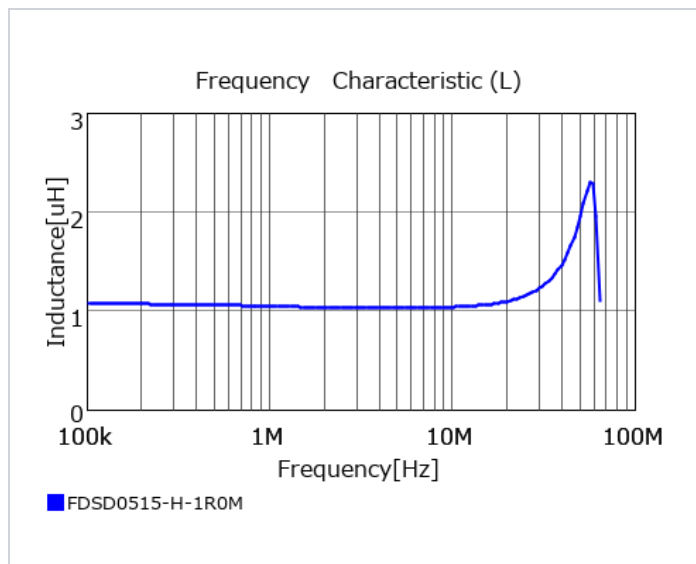
| Mass (Typ.) |       |
|-------------|-------|
| 1 piece     | 0.18g |

## Specifications

|                                                                 |                |
|-----------------------------------------------------------------|----------------|
| Inductance                                                      | 1.0μH ±20%     |
| Inductance test frequency                                       | 0.1MHz         |
| Rated current (Isat) (Based on Inductance change)               | 7000mA         |
| Rated current (Itemp) (Based on Temperature rise)               | 5200mA         |
| Max. of DC resistance                                           | 0.030Ω         |
| 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                                                          | FDSD0515       |

### Attention

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