

FDSD0420D-2R2M# "#" indicates a package specification code.



< List of part numbers with package codes > FDSD0420D-2R2M=P3

Shape

(Tolerance: ±0.3) 60 L size 4.0 ±0.2mm W size 4.0 ±0.2mm T size 2.0 mm Size code in inch (mm) 1515 (4040)

Notes

Rated current (lsat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 25°C) Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current. (The ambient reference temperature is 25 °C)

References

| Packaging code | Specifications | Minimum quantity |
|-------------------|------------------------|------------------|
| =P3 | φ330mm Embossed taping | 2000 |

| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.164g |

Specifications

| Inductance | 2.2µH ±20% |
|---|-------------|
| Inductance test frequency | 0.1MHz |
| Rated current (Isat) (Based on Inductance change) | 4100mA |
| Rated current (Itemp) (Based on Temperature rise) | 3600mA |
| Max. of DC resistance | 0.047Ω |
| Operating temperature range (Self-temperature rise is included) | -40~125°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 30V DC |
| Series | FDSD0420_D |

🔔 Attention

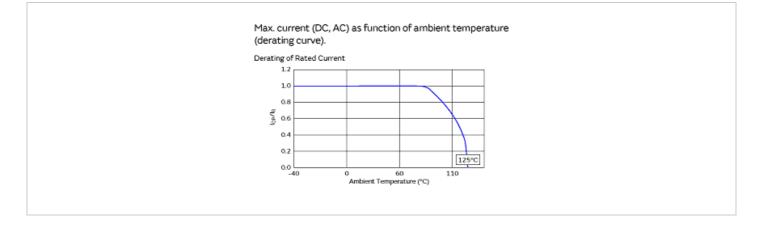
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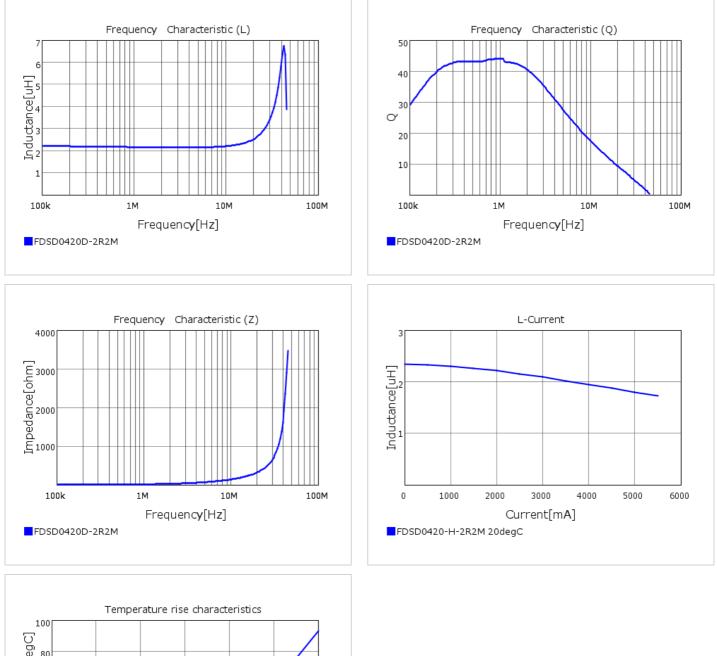


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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)



Temperature rise characteristics

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