Inductor Data Sheet

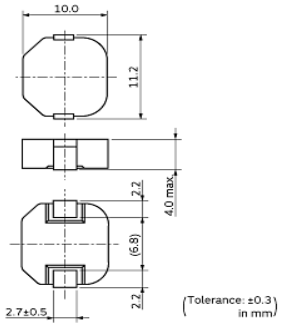
# FDUE1040D-H-R22M#

"#" indicates a package specification code.

In Production | General | 100 °C max. | Wound (Metal) | RoHS | REACH

< List of part numbers with package codes >
FDUE1040D-H-R22M=P3

## Shape






| | |
|---|---|
| L size | 11.2 ±0.3mm |
| W size | 10.0 ±0.3mm |
| T size | 4.0 mm |
| Size code in inch (mm) | 4440 (112100) |

## Notes

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

## References

| Packaging code | Specifications | Minimum quantity |
|---|---|---|
| =P3 | ϕ330mm Embossed taping | 500 |

| Mass (Typ.) | |
|---|---|
| 1 piece | 2.27g |

## Specifications

| | |
|---|---|
| Inductance | 0.22µH ±20% |
| Inductance test frequency | 0.1MHz |
| Rated current (Isat) (Based on Inductance change) | 32000mA |
| Rated current (Itemp) (Based on Temperature rise) | 32000mA |
| Max. of DC resistance | 0.00068Ω |
| Avg. of DC resistance | 0.00064Ω±7% |
| Operating temperature range (Self-temperature rise is included) | -20～100℃ |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 30V DC |
| Series | FDUE1040D |

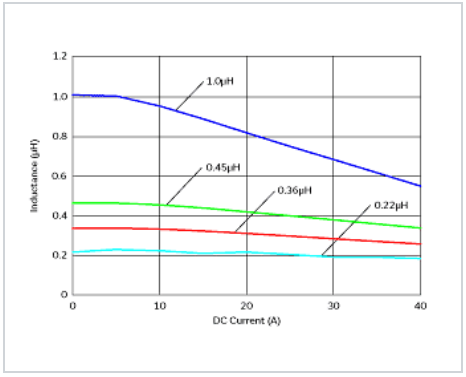


**Attention**

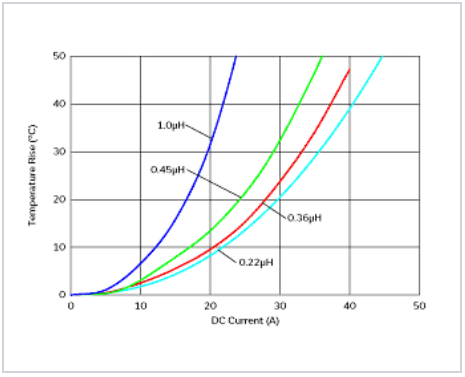
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Inductance-Current characteristics (Typ.)




- Temperature rise characteristics (Typ.)






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