# Inductor Data Sheet

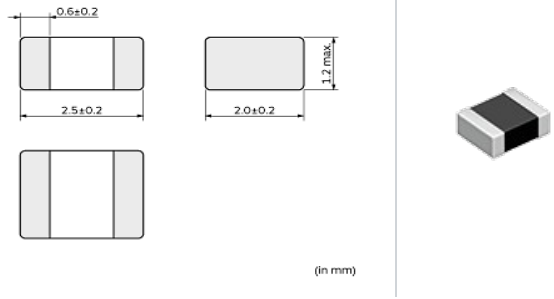
# 1239AS-H-R47M#

"#" indicates a package specification code.

In Production | General | 85 °C max. | Wound (Metal) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
1239AS-H-R47M=P2

## Shape




| | |
|---|---|
| L size | 2.5 ±0.2mm |
| W size | 2.0 ±0.2mm |
| T size | 1.2 mm |
| Size code in inch (mm) | 1008 (2520) |

## 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 |
|---|---|---|
| =P2 | φ180mm Embossed taping | 3000 |

| Mass (Typ.) | |
|---|---|
| 1 piece | 0.0285g |

## Specifications

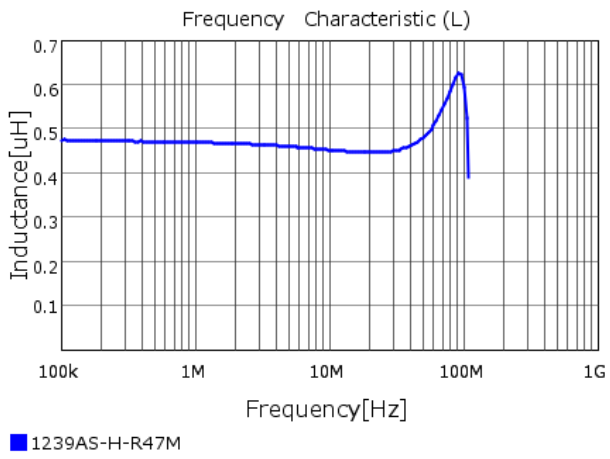
| | |
|---|---|
| Inductance | 0.47µH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 3800mA |
| Rated current (Itemp) (Based on Temperature rise) | 3700mA |
| Max. of DC resistance | 0.039Ω |
| Operating temperature range (Self-temperature rise is included) | -40～85°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 20V DC |
| Series | DFE252012C |

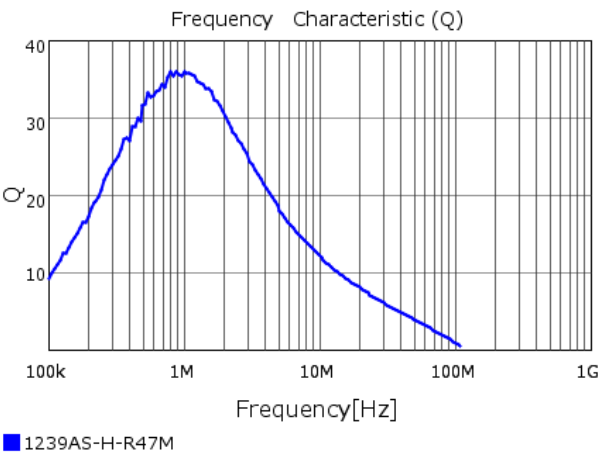


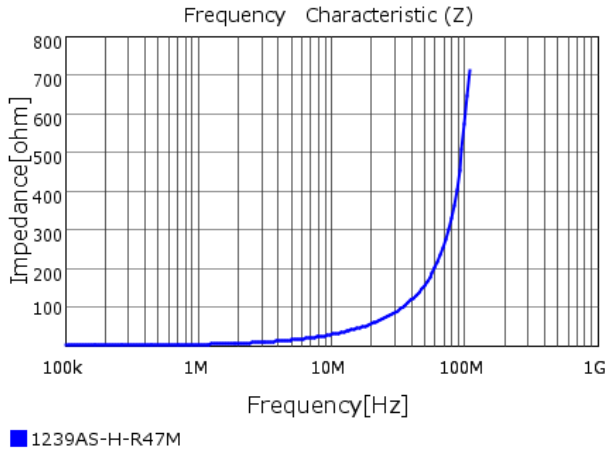
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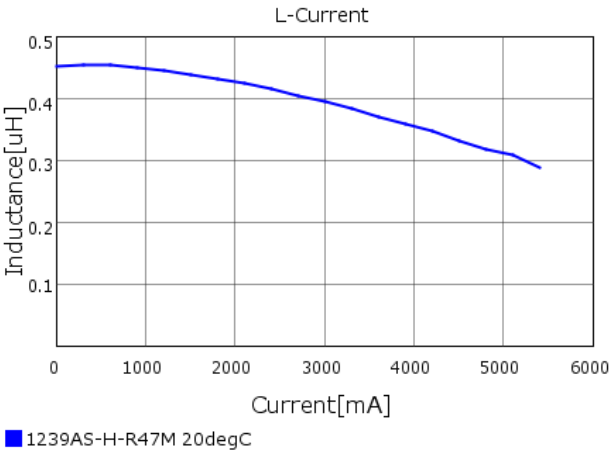
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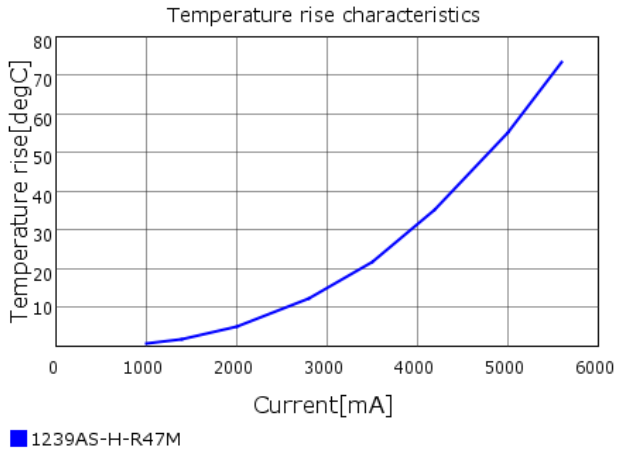
## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)






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