

# 1227AS-H-2R2M#

# indicates a package specification code.

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

< List of part numbers with package codes >  
1227AS-H-2R2M=P2

## Shape

|                        |             |
|------------------------|-------------|
| L size                 | 3.0 ±0.2mm  |
| W size                 | 2.8 ±0.2mm  |
| T size                 | 1.8 mm      |
| Size code in inch (mm) | 1211 (3028) |

## 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 |
|----------------|-------------------------|------------------|
| =P2            | φ 180mm Embossed taping | 2000             |

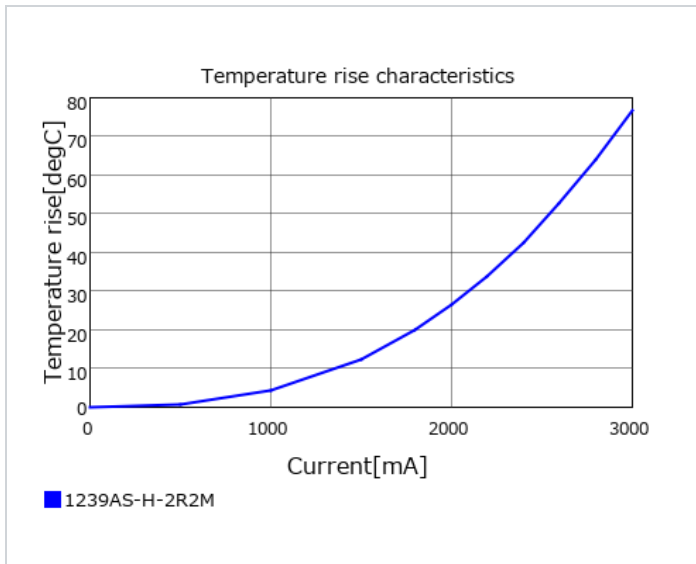
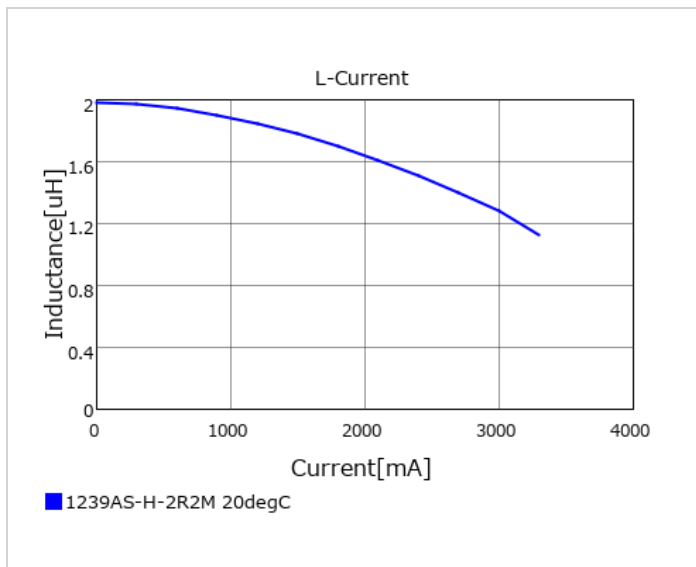
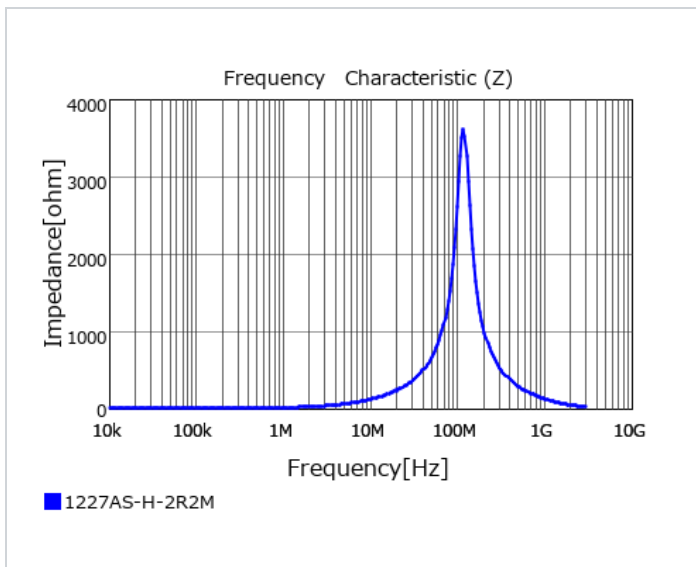
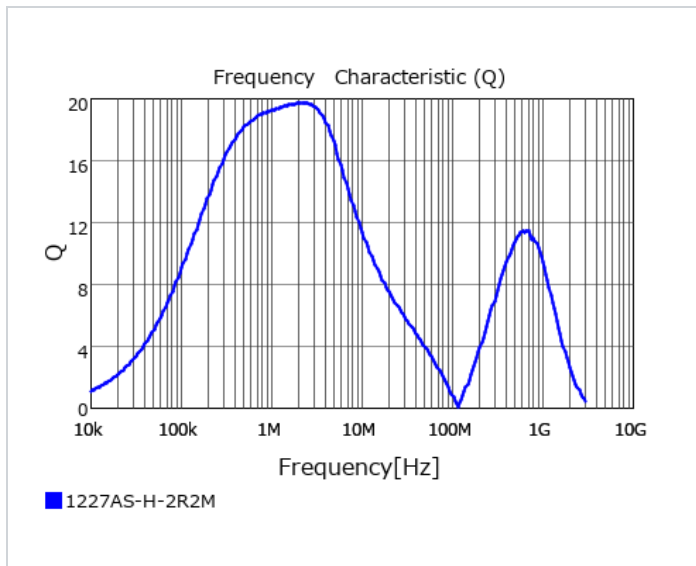
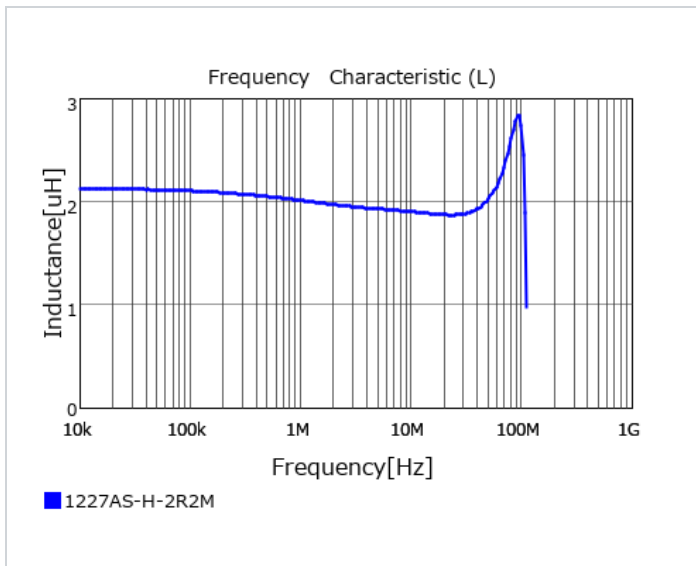
| Mass (Typ.) |         |
|-------------|---------|
| 1 piece     | 0.0651g |

## Specifications

|   |                  |
|---|------------------|
| Inductance  | 2.2μH ±20%       |
| Inductance test frequency                                       | 0.1MHz           |
| Rated current (Isat) (Based on Inductance change)               | 1700mA           |
| Rated current (Itemp) (Based on Temperature rise)               | 2600mA           |
| Max. of DC resistance   | 0.047Ω           |
| Avg. of DC resistance   | 0.039Ω +20%/-30% |
| Operating temperature range (Self-temperature rise is included) | -40 to 85°C      |
| Class of magnetic shield  | Ferrite Core     |
| Series  | DEM2818C         |

### Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



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