

# 1248AS-H-3R3N#

“#” indicates a package specification code.

In Production

General

RoHS

REACH

85 °C max.

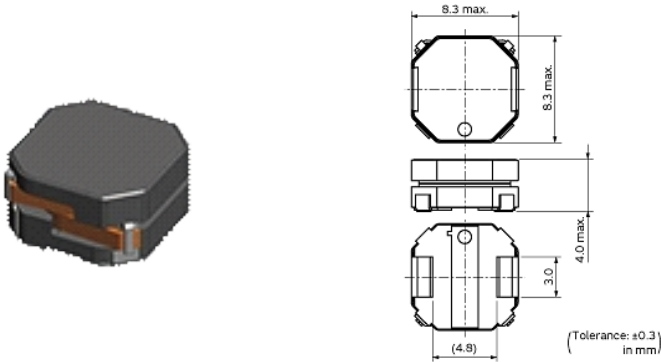
Wound (Ferrite)

Reflow OK

< List of part numbers with package codes >  
1248AS-H-3R3N=P3

## Appearance & Shape

## References



Packaging	Specifications	Minimum Order Quantity
=P3	330Embossed Tape	1000

Mass (typ.)	
1 piece	1.05g

## Notices

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.

**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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## Specifications

L size	8.0±0.3mm
W size	8.0±0.3mm
T size	4.0mm
Size code inch (mm)	3131 (8080)
Inductance	3.3μH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	7200mA
Rated current (Itemp) (Based on Temperature rise)	5600mA
Max. of DC resistance	0.0192Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
DC Resistance Intermediate Values	0.0160Ω±20%
Series	DEM8040C

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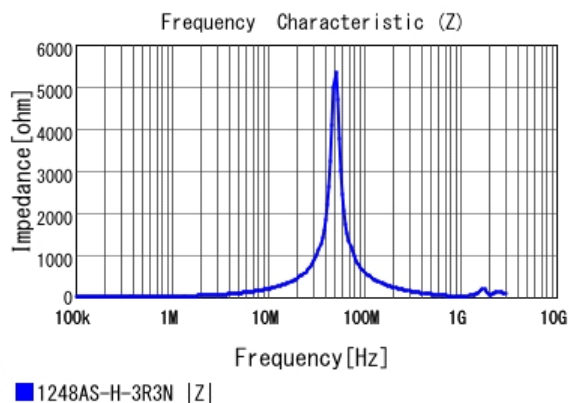
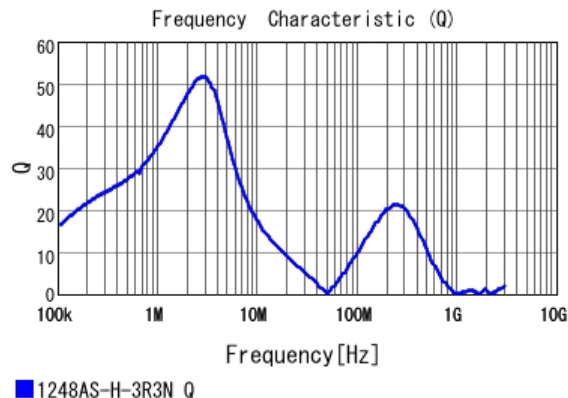
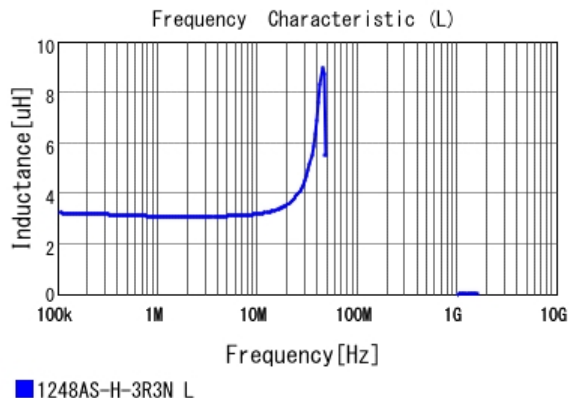
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## Characteristic Data

The charts below may show another part number which shares its characteristics.



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