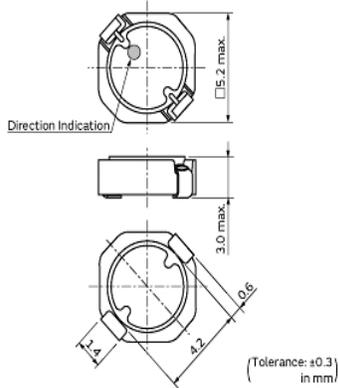


# #A915AY-100M=P3



## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.223g

## Notices

Rated current ( $I_{sat}$ ) is specified when the decrease of the initial inductance value at 30%. Rated current ( $I_{temp}$ ) is specified when temperature of the inductor is raised 40°C by DC current.

### Attention

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- 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.

# #A915AY-100M=P3



## Specifications

L size	5.2mm
W size	5.2mm
T size	3.0mm
Size code inch (mm)	2020 (5252)
Inductance	10 $\mu$ H $\pm$ 20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1330mA
Rated current (Itemp) (Based on Temperature rise)	1410mA
Max. of DC resistance	0.09 $\Omega$
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
DC Resistance Intermediate Values	0.075 $\Omega$ +20%/-30%
Series	D53LC

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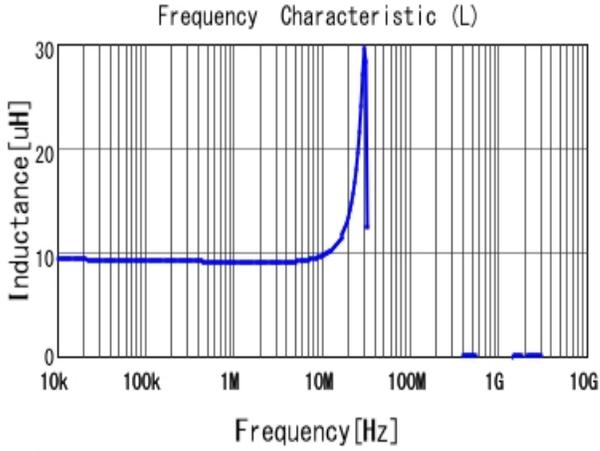
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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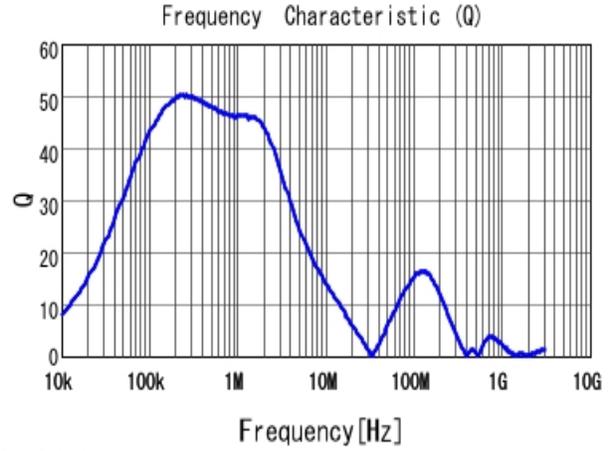
# #A915AY-100M=P3

## Characteristic Data

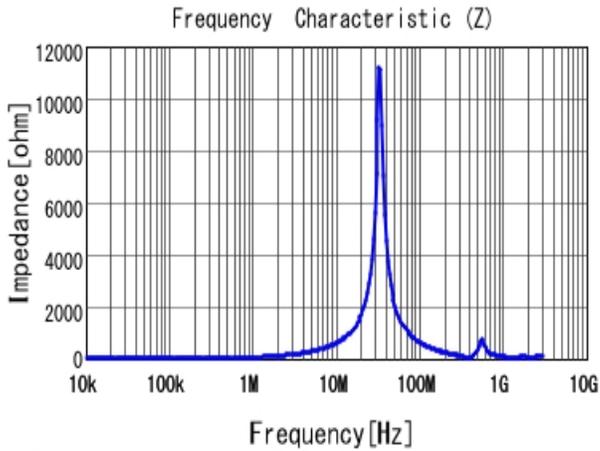
The charts below may show another part number which shares its characteristics.



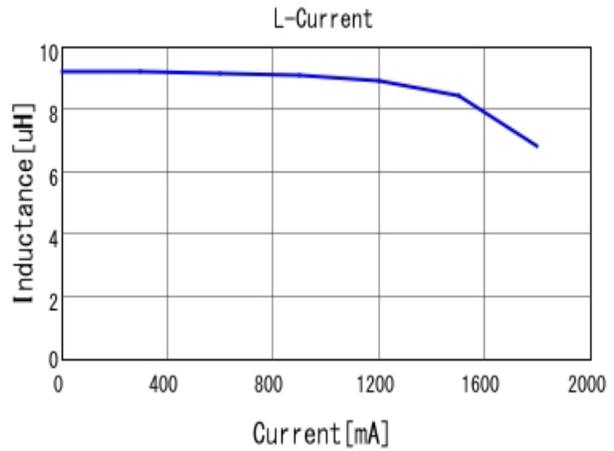
#A915AY-100M=P3 L



#A915AY-100M=P3 Q



#A915AY-100M=P3 |Z|



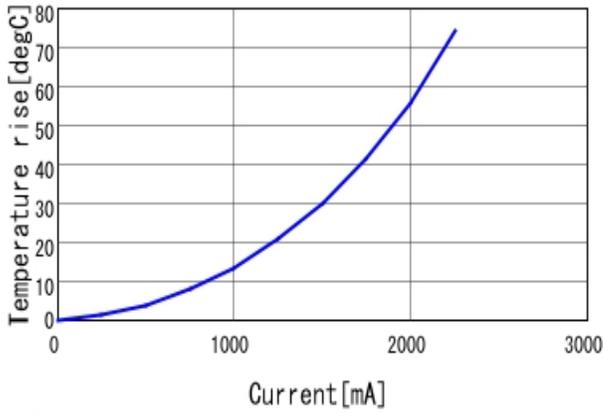
#A915AY-100M=P3 L-Current 20degC

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# #A915AY-100M=P3

Temperature rise characteristics



■ #A915AY-100M=P3 Temp. rise

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