

# DD1274AS-H-6R8N#

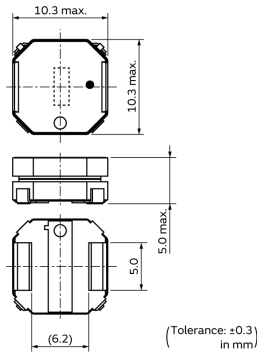
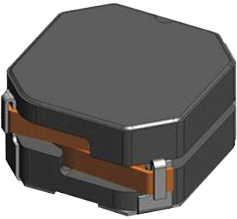
“#” indicates a package specification code.



< List of part numbers with package codes >

DD1274AS-H-6R8N=P3

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	1.9994g

## Notices

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%. Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40°C by DC current.

### Attention

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## Specifications

L size	10.0±0.3mm
W size	10.0±0.3mm
T size	5.0mm
Size code inch (mm)	3939 (100100)
Inductance	6.8μH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	7500mA
Rated current (Itemp) (Based on Temperature rise)	5400mA
Max. of DC resistance	0.0213Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 105°C
Class of magnetic shield	Ferrite Core
Brand	Murata
DC Resistance Intermediate Values	0.0177Ω±20%
Series	DEM10050C_DD

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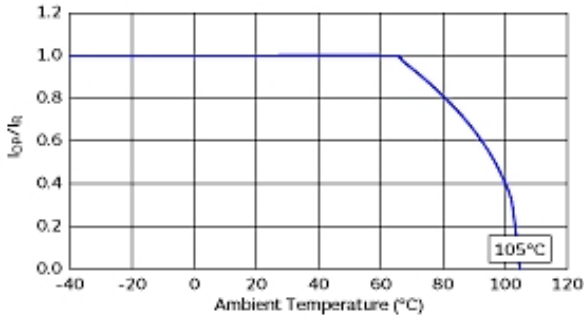
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## Notice For General

### Max. current (DC, AC) as function of ambient temperature (derating curve).

Derating of Rated Current



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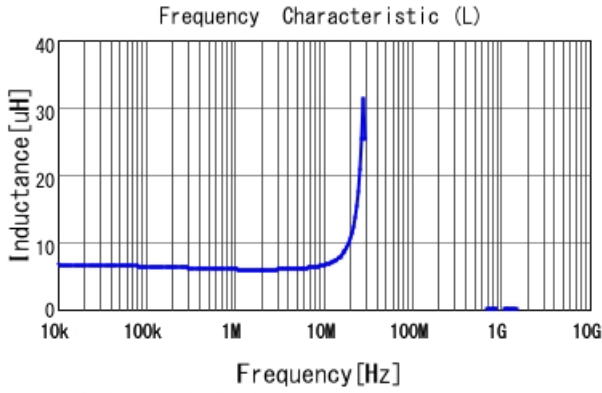
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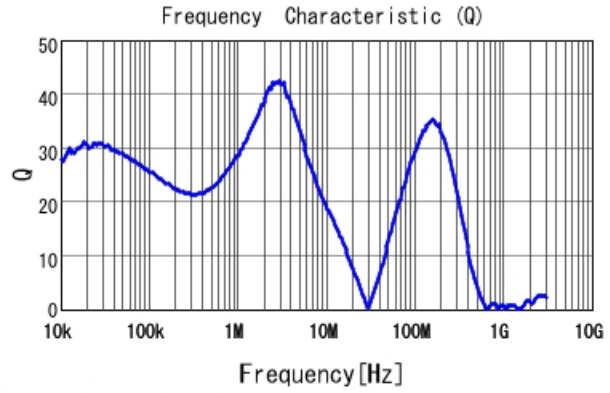


## Characteristic Data

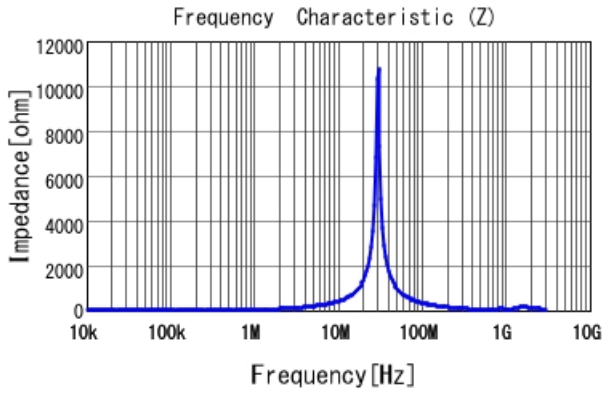
The charts below may show another part number which shares its characteristics.



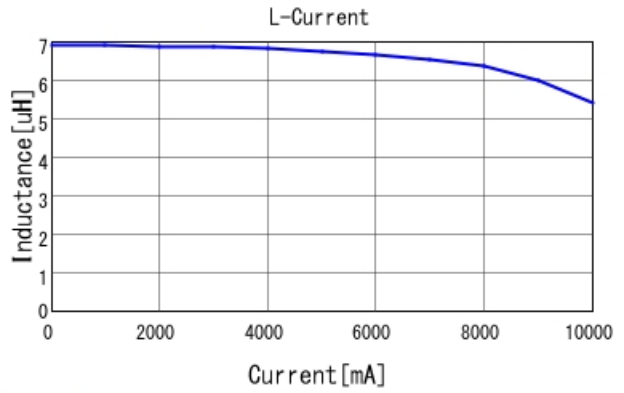
DD1274AS-H-6R8N L



DD1274AS-H-6R8N Q



DD1274AS-H-6R8N |Z|



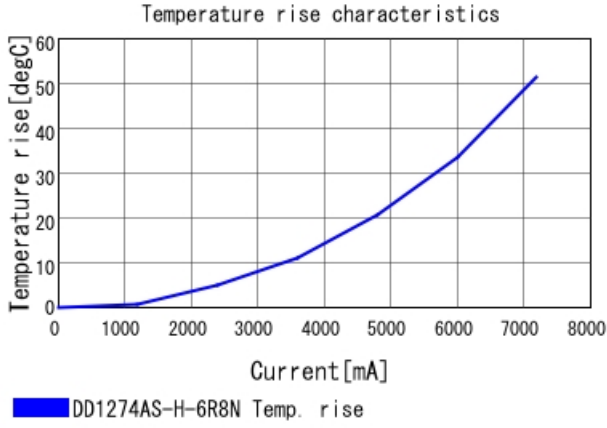
DD1274AS-H-6R8N L-Current 20degC

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