

DFE18SAN1R0MG0#

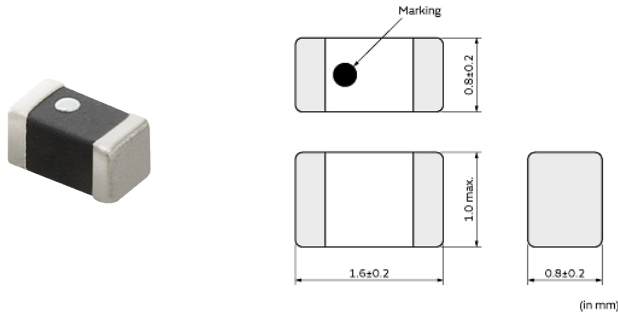
“#” indicates a package specification code.

Size Code 1608 (0603) in mm (in inch), 1.0mm max.Thickness. Small and high performance type.



< List of part numbers with package codes >
DFE18SAN1R0MG0L

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.009g

Notices

The saturation allowable DC current value is specified when the decrease of the initial inductance value at 30%. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

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.

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Specifications

L size	1.6±0.2mm
W size	0.8±0.2mm
T size	1.0mm
Size code inch (mm)	0603 (1608)
Inductance	1μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2100mA
Rated current (Itemp) (Based on Temperature rise)	1700mA
Max. of DC resistance	0.128Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Absolute maximum voltage	20Vdc
Brand	Murata
Series	DFE18SAN_G0

Attention

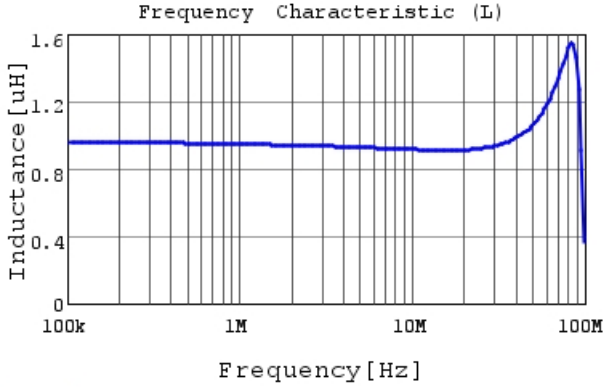
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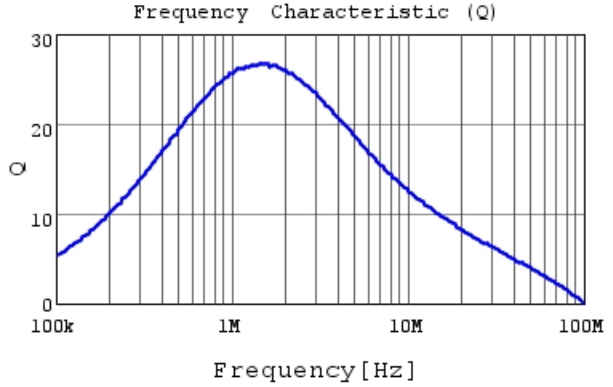
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Characteristic Data

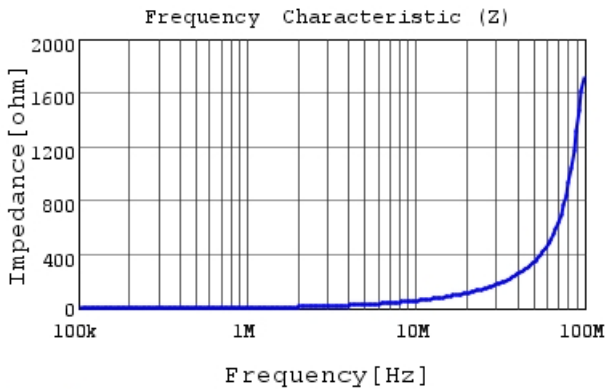
The charts below may show another part number which shares its characteristics.



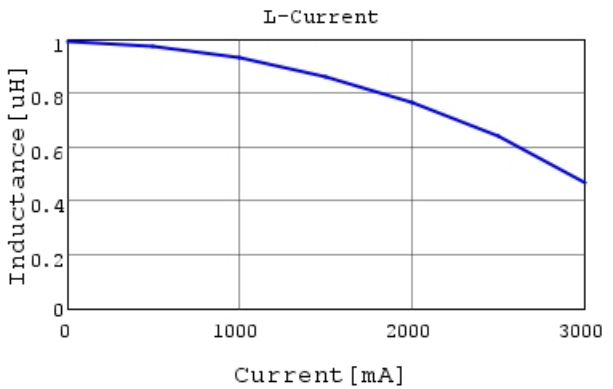
DFE18SAN1R0MG0 L



DFE18SAN1R0MG0 Q



DFE18SAN1R0MG0 |Z|



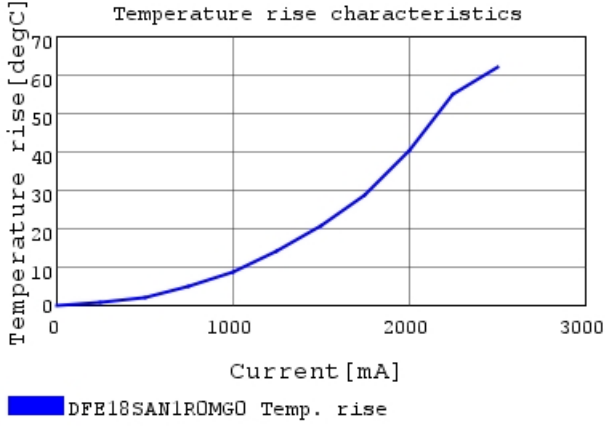
DFE18SAN1R0MG0 L-Current 20degC

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