

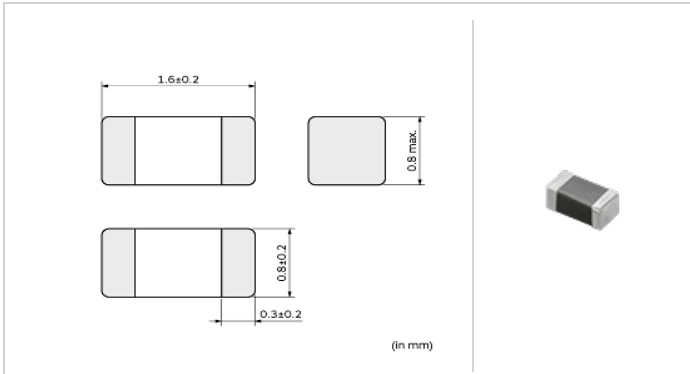
DFE18SANR56ME0#

indicates a package specification code.



< List of part numbers with package codes >
DFE18SANR56ME0L , DFE18SANR56ME0D

Shape



L size	1.6 ±0.2mm
W size	0.8 ±0.2mm
T size	0.8 mm
Size code in inch (mm)	0603 (1608)

Notes

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range.
When rated current is applied to the products, 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.

References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	3000
L	φ 180mm Embossed taping	3000

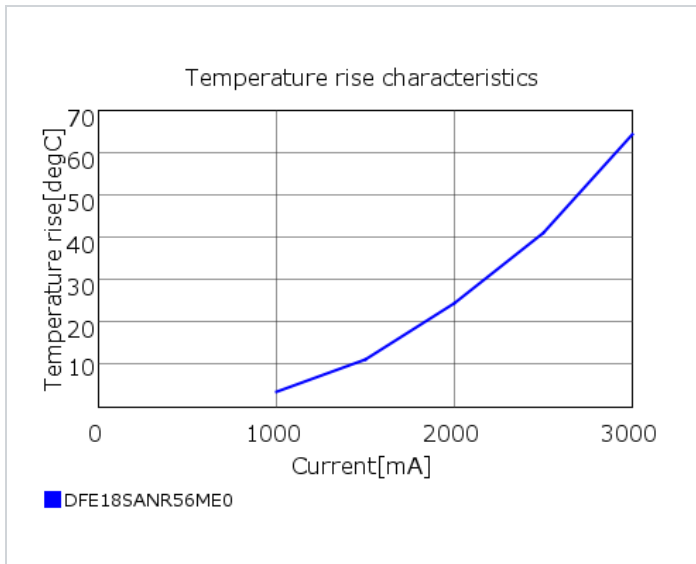
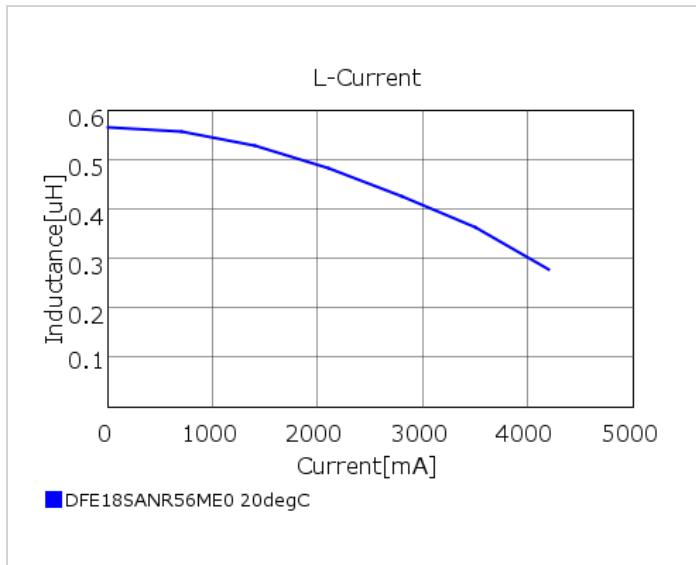
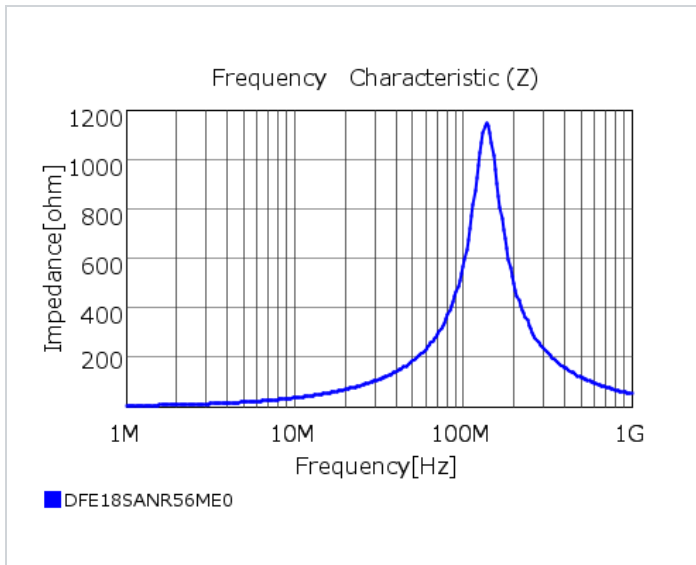
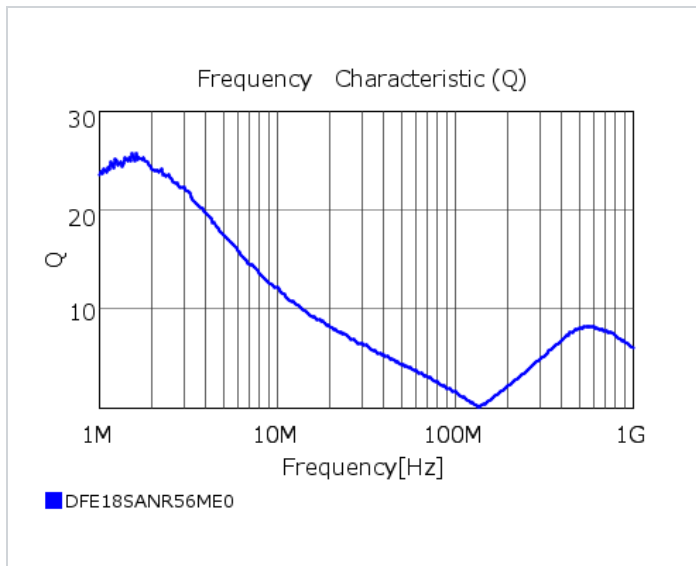
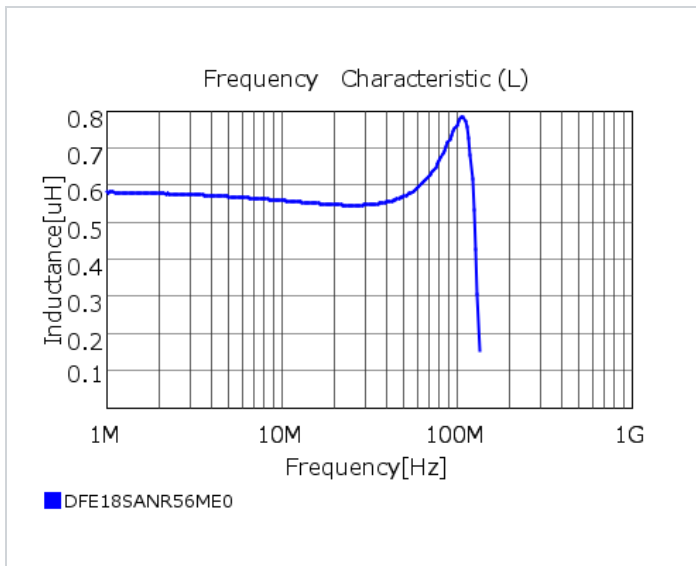
Mass (Typ.)	
1 piece	0.007g

Specifications

Inductance	0.56μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	2600mA
Rated current (I _{temp}) (Based on Temperature rise)	2200mA
Max. of DC resistance	0.070Ω
Operating temperature range (Self-temperature rise is included)	-40~125°C
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE18SAN_E0

Attention

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- 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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