#B953AS-471M=P3

| In Production | RoHS | REACH | 85 °C max. | Wound (Ferrite) | Reflow OK |

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Appearance & Shape

Notices

Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	3.688g

#B953AS-471M=P3

Specifications

L size	12.5±0.3mm
W size	12.5±0.3mm
T size	6.8mm
Size code inch (mm)	4949 (125125)
Inductance	470µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	670mA
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.705Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	DS126C2

URL : https://www.murata.com/
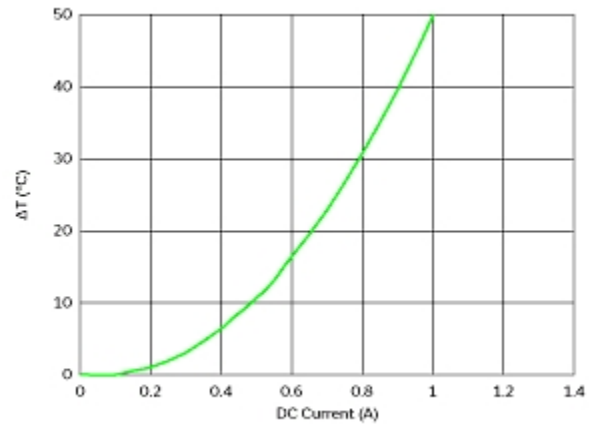
Last updated05/01/2024

![Murata logo] muRata INNOVATOR IN ELECTRONICS

#B953AS-471M=P3

Characteristic Data
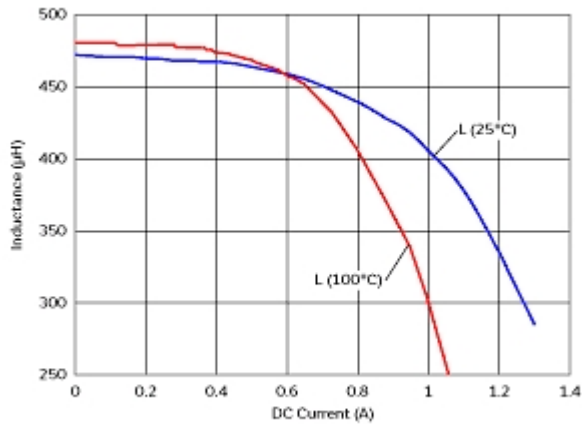
Impedance - Current Characteristics

Temperature Increase Characteristic