

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of #B952AS-H-470M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23B952AS-H-470M%3dP3

# #B952AS-H-470M=P3













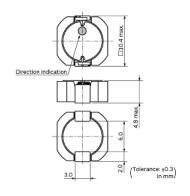
## **Applications**

| Unsuitable   | Please be sure to read and comply with     |  |
|--------------|--|--|
| Applications | these "Precautions for use."               |  |
|              | Consumer equipment,Medical                 |  |
|              | equipment [GHTF A/B/C] except for          |  |
|              | implant & surgery & auto injector,         |  |
|              | Industrial equipment except for            |  |
|              | transportation & facility & energy         |  |
|              | equipment                                  |  |
| Specific     | Please refer to Our Website and            |  |
| Applications | 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  | Consumer equipment                         |  |
| Applications |  |  |



## 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<br>Packing<br>Quantity |
|-----------|------------------|---------------------------------|
| =P3       | 330Embossed Tape | 500                             |

| Mass (typ.) |  |        |
|-------------|--|--------|
| 1 piece     |  | 1.694g |

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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# **Specifications**

| L size  | 10.1±0.3mm              |
|---|-------------------------|
| W size  | 10.1±0.3mm              |
| T size  | 4.8mm                   |
| Size code inch (mm)   | 4040 (101101)           |
| Inductance  | 47μH±20%                |
| Inductance Test Frequency                                       | 0.1MHz                  |
| Rated current (Isat) (Based on Inductance change)               | 1700mA                  |
| Rated current (Itemp) (Based on Temperature rise)               | 1300mA                  |
| Max. of DC resistance   | 0.175Ω                  |
| Operating Temperature Range (Self-temperature rise is included) | -40°C to 85°C           |
| Class of magnetic shield  | Shielded (Ferrite Core) |
| Brand   | Murata                  |
| Series  | DS104C2                 |

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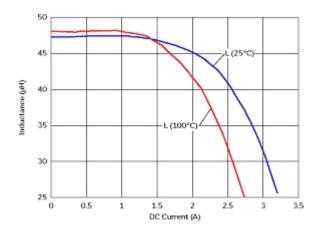
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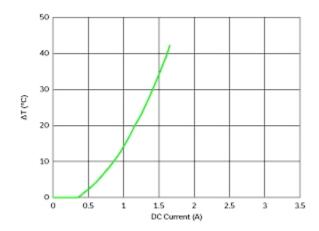
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## Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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