

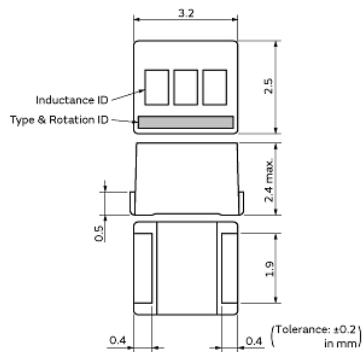
# LLM3225-1R8J



## 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<br>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 is specified when the decrease of the initial inductance value at 10%. Or rated current is specified when temperature of the inductor is raised 20°C by DC current. Whichever is smaller.

## References

| Packaging | Specifications    | Standard Packing Quantity |
|-----------|-------------------|---------------------------|
| -         | 180 Embossed Tape | 2000                      |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 0.04g |

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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  | 3.2±0.2mm     |
| W size  | 2.5±0.2mm     |
| T size  | 2.4mm         |
| Size code inch (mm)   | 1210 (3225)   |
| Inductance  | 1.8μH±5%      |
| Inductance Test Frequency                                       | 7.96MHz       |
| Max. of DC resistance   | 0.65Ω         |
| Operating Temperature Range (Self-temperature rise is included) | -40°C to 85°C |
| Class of magnetic shield  | Non-Shielded  |
| Q(min.)   | 35            |
| Q Test Frequency  | 7.96MHz       |
| Self resonance frequency (min.)                                 | 95MHz         |
| Brand   | Murata        |
| Rated Current   | 315mA         |
| Series  | LLM3225       |

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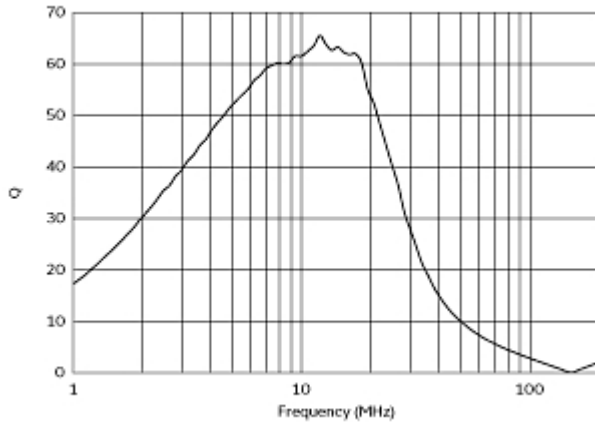
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## Characteristic Data



Q-Frequency Characteristics

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