

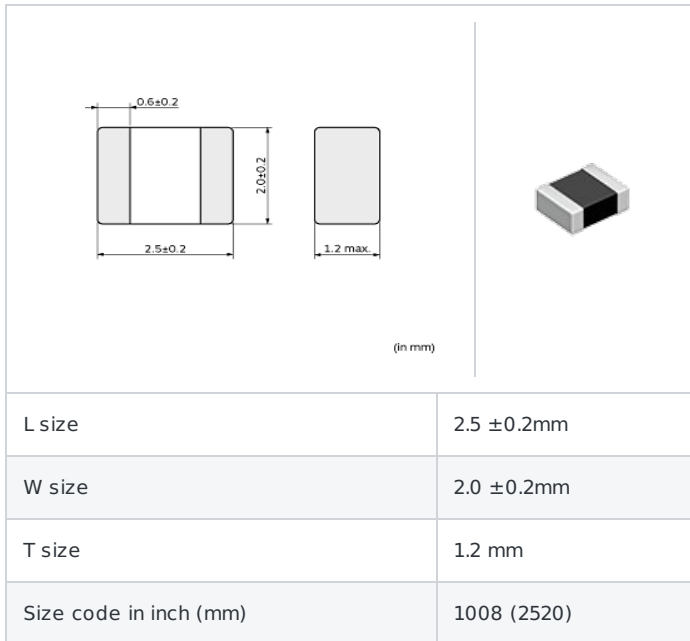
muRata Inductor Data Sheet DFE252012P-2R2M#

"#" indicates a package specification code.



< List of part numbers with package codes >
DFE252012P-2R2M=P2

Shape



Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C)
Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current. (The ambient reference temperature is 20°C)

References

| Packaging code | Specifications | Minimum quantity |
|----------------|-------------------------|------------------|
| =P2 | φ 180mm Embossed taping | 3000 |

| Mass (Typ.) | |
|-------------|----------|
| 1 piece | 0.02835g |

Specifications

| | |
|---|-------------|
| Inductance | 2.2μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 3000mA |
| Rated current (Itemp) (Based on Temperature rise) | 2200mA |
| Max. of DC resistance | 0.084Ω |
| Operating temperature range (Self-temperature rise is included) | -40~125°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 20V DC |

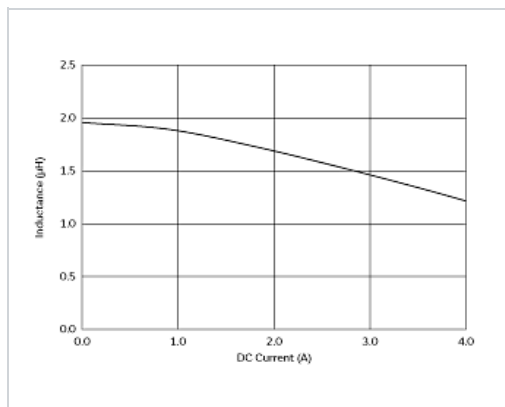
1 of 2

Attention

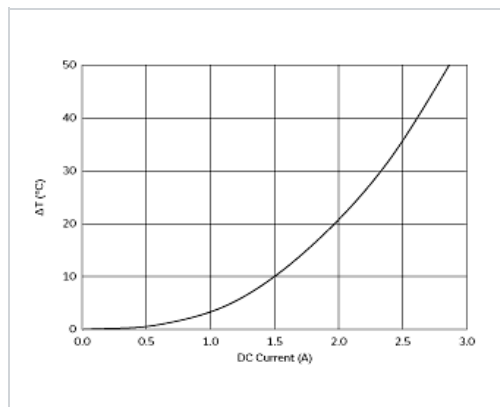
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

" Inductance-Current characteristics (Typ.)



" Temperature rise characteristics (Typ.)



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