

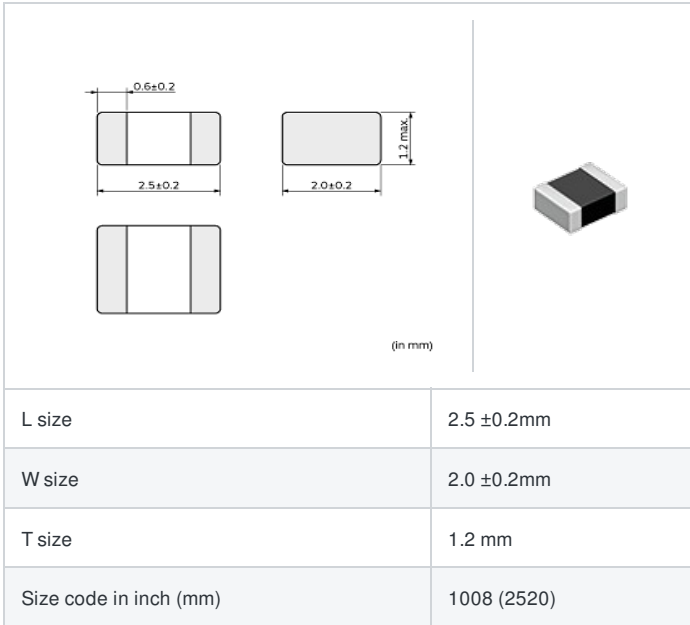
# DFE252012P-1R5M#

# indicates a package specification code.



< List of part numbers with package codes >  
DFE252012P-1R5M=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 inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

## References

| Packaging code | Specifications         | Minimum quantity |
|----------------|------------------------|------------------|
| =P2            | φ180mm Embossed taping | 3000             |

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

## Specifications

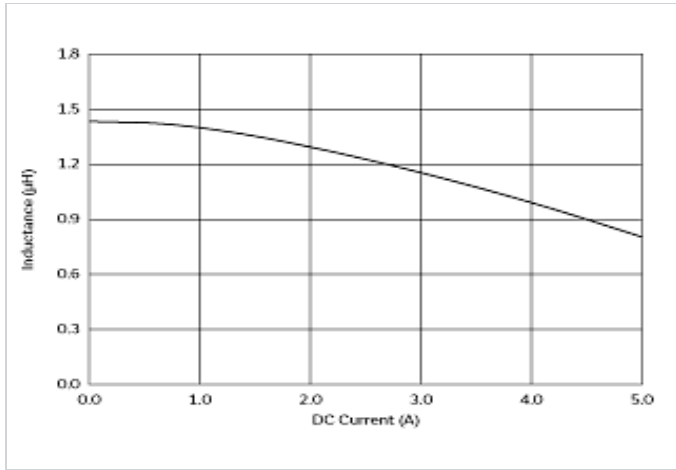
|   |             |
|---|-------------|
| Inductance  | 1.5μH ±20%  |
| Inductance test frequency                                       | 1MHz        |
| Rated current (Isat) (Based on Inductance change)               | 3500mA      |
| Rated current (Itemp) (Based on Temperature rise)               | 2600mA      |
| Max. of DC resistance   | 0.060Ω      |
| Operating temperature range (Self-temperature rise is included) | -40~125°C   |
| Class of magnetic shield  | Metal Alloy |
| Absolute maximum voltage  | 20V DC      |
| Series  | DFE252012P  |

### Attention

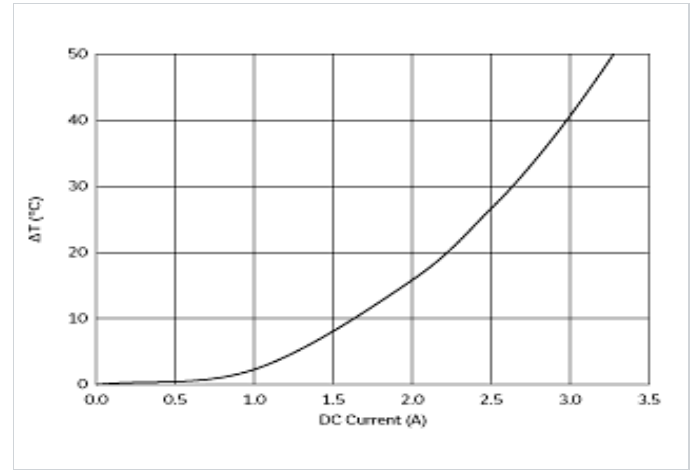
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



**⚠ Attention**

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