

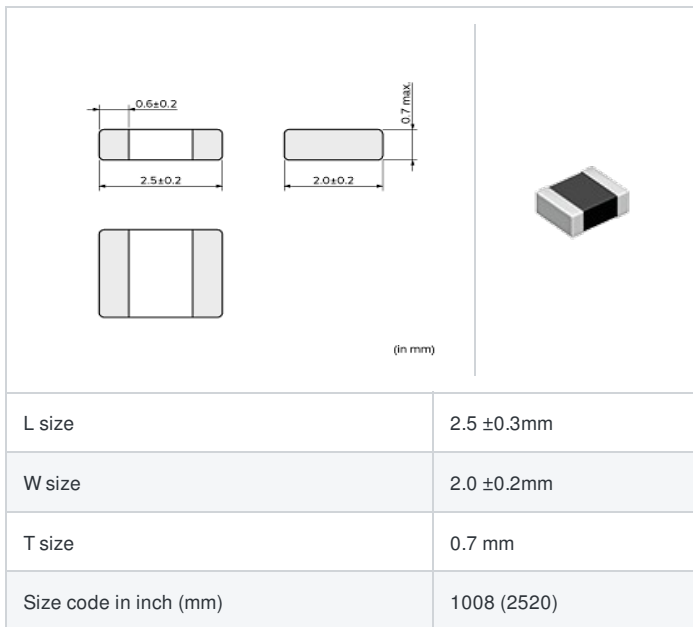
# DFE252007F-1R0M#

"#" indicates a package specification code.



< List of part numbers with package codes >  
DFE252007F-1R0M=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            | φ 180mm Embossed taping | 3000             |

| Mass (Typ.) |          |
|-------------|----------|
| 1 piece     | 0.01875g |

## Specifications

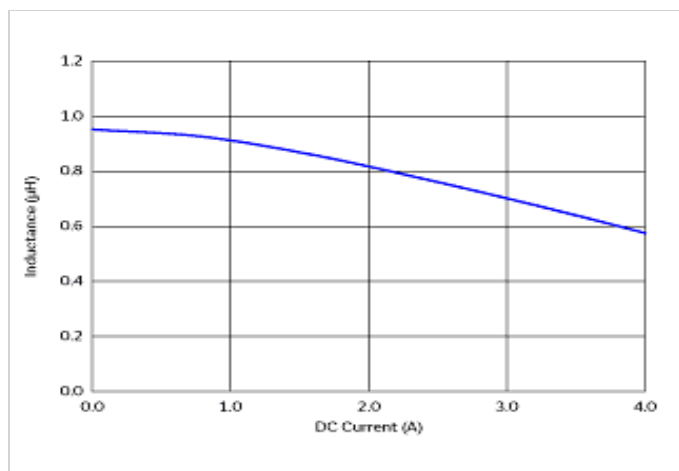
|                                                                 |             |
|-----------------------------------------------------------------|-------------|
| Inductance                                                      | 1.0μH ±20%  |
| Inductance test frequency                                       | 1MHz        |
| Rated current (Isat) (Based on Inductance change)               | 2800mA      |
| Rated current (Itemp) (Based on Temperature rise)               | 2100mA      |
| Max. of DC resistance                                           | 0.085Ω      |
| Operating temperature range (Self-temperature rise is included) | -40~125°C   |
| Class of magnetic shield                                        | Metal Alloy |
| Absolute maximum voltage                                        | 20V DC      |
| Series                                                          | DFE252007F  |

### Attention

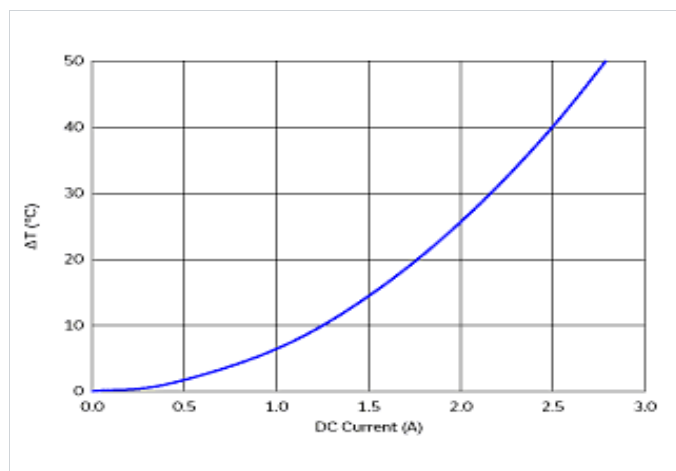
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2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

## 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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