

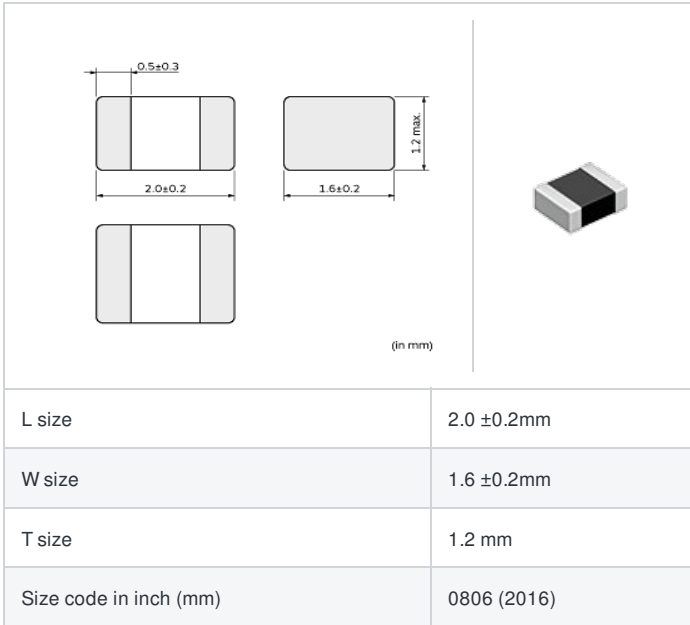
DFE201612E-R47M#

"#" indicates a package specification code.



< List of part numbers with package codes >
DFE201612E-R47M=P2

Shape



Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (I_{temp}) 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 | 0.01875g |

Specifications

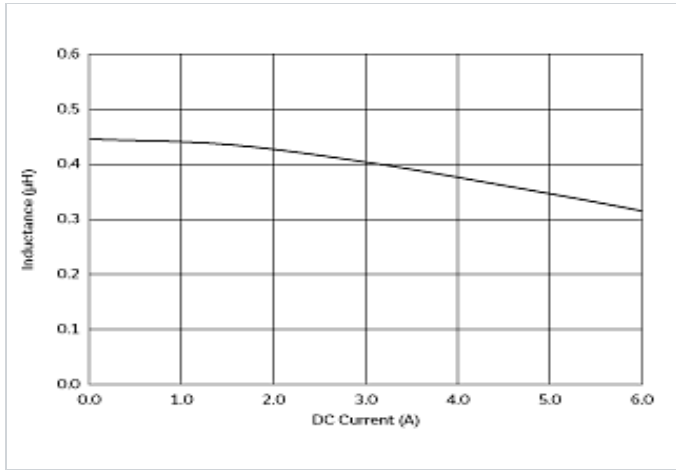
| | |
|---|-------------|
| Inductance | 0.47μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 5500mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 4500mA |
| Max. of DC resistance | 0.026Ω |
| Operating temperature range (Self-temperature rise is included) | -40~125°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 20V DC |
| Series | DFE201612E |

Attention

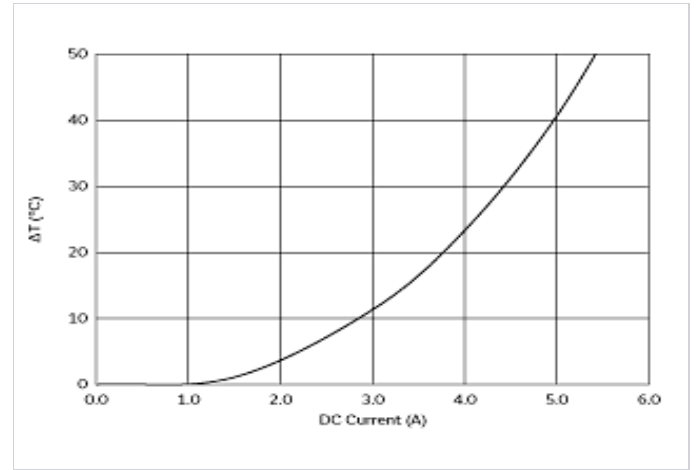
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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