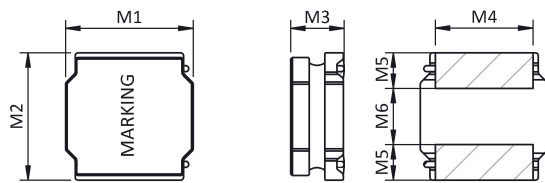


# CSME0412D-1R5N



## Appearance & Shape



| Unit:mm |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|
| ITEM    | M1   | M2   | M3   | M4   | M5   | M6   |
| DIM.    | 4.00 | 4.00 | 1.20 | 3.30 | 0.95 | 2.10 |
| TOL.    | ±0.2 | ±0.2 | MAX. | ±0.2 | ±0.2 | REF. |

注意 NOTICE: All Specifications are subject to change without notice.

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2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

## Specification

|                                                                  |                 |
|------------------------------------------------------------------|-----------------|
| L size(mm)                                                       | 4.0±0.2         |
| W size(mm)                                                       | 4.0±0.2         |
| T size(mm)                                                       | 1.20 Max.       |
| Size codeinch (mm)                                               | 0412            |
| Inductance(uH)                                                   | 1.5±30%         |
| DCR(mΩ) Typ.                                                     | 51              |
| DCR(mΩ) Max.                                                     | 65              |
| Isat(A) Typ.                                                     | 2.35            |
| Isat(A) Max.                                                     | 2.2             |
| Irms(A) Typ.                                                     | 2               |
| Irms(A) Max.                                                     | 1.8             |
| SRF[MHz] Typ.                                                    | 51              |
| OperatingTemperature range(including self-temperature rising) °C | -40°C to +125°C |

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## Notices

- High saturation current realized by material properties and structure design.
- Low DC resistance to achieve high conversion efficiency and lower temperature rising.
- Low Profile: 4.0 mm × 4.0 mm × 1.2 mm.
- Magnetically shielded structure to accomplish high resolution in EMC protection.
- Halogen free, Lead Free, RoHS Compliance.
- Surface marking : None.
- The moisture sensitivity level (MSL) of products is level 1.

## Packing

| Packing Reel(Inch) | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|---------------------------------|--------------------|-----------|
| 13                 | 4.5                             | 0.0725             | 1         |

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