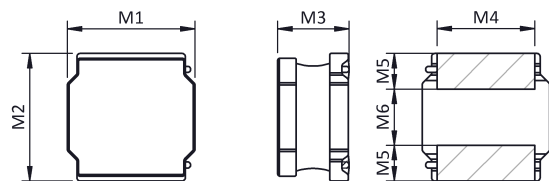
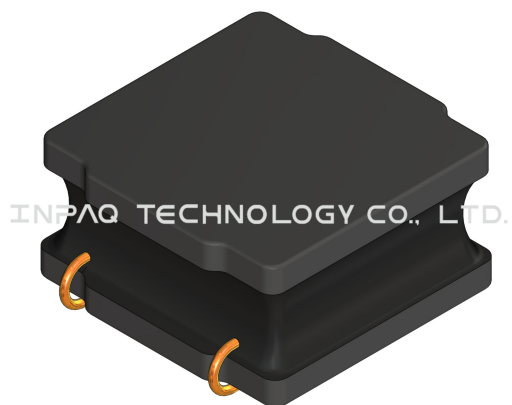


# CSMM0420D-2R2M



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

| Unit:mm |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|
| ITEM    | M1   | M2   | M3   | M4   | M5   | M6   |
| DIM.    | 4.00 | 4.00 | 1.80 | 3.30 | 1.00 | 2.00 |
| TOL.    | ±0.2 | ±0.2 | ±0.2 | ±0.3 | ±0.2 | ±0.3 |

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

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1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
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)                                                    | 1.8 Max.        |
| Size codeinch (mm)                                            | 0420            |
| Inductance(uH)                                                | 2.2±20%         |
| DCR(mΩ) Typ.                                                  | 76              |
| DCR(mΩ) Max.                                                  | 56              |
| Isat(A) Typ.                                                  | 7.5             |
| Isat(A) Max.                                                  | 6               |
| Irms(A) Typ.                                                  | 4.8             |
| Irms(A) Max.                                                  | 4               |
| Withstandvoltage(DC)                                          | 40              |
| OperatingTemperaturerange(includingself-temperaturerising) °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 × 1.8 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                 | 3                               | 0.145              | 1         |

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