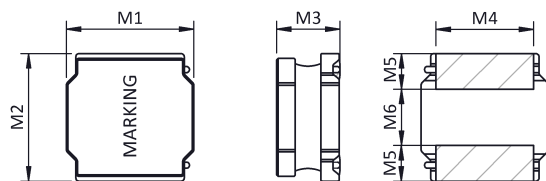


# CSMEA0418D-1R0N



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

| Unit:mm |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|
| ITEM    | M1   | M2   | M3   | M4   | M5   | M6   |
| DIM.    | 4.00 | 4.00 | 1.85 | 3.30 | 1.00 | 2.10 |
| TOL.    | ±0.2 | ±0.2 | MAX. | ±0.2 | ±0.2 | REF. |

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

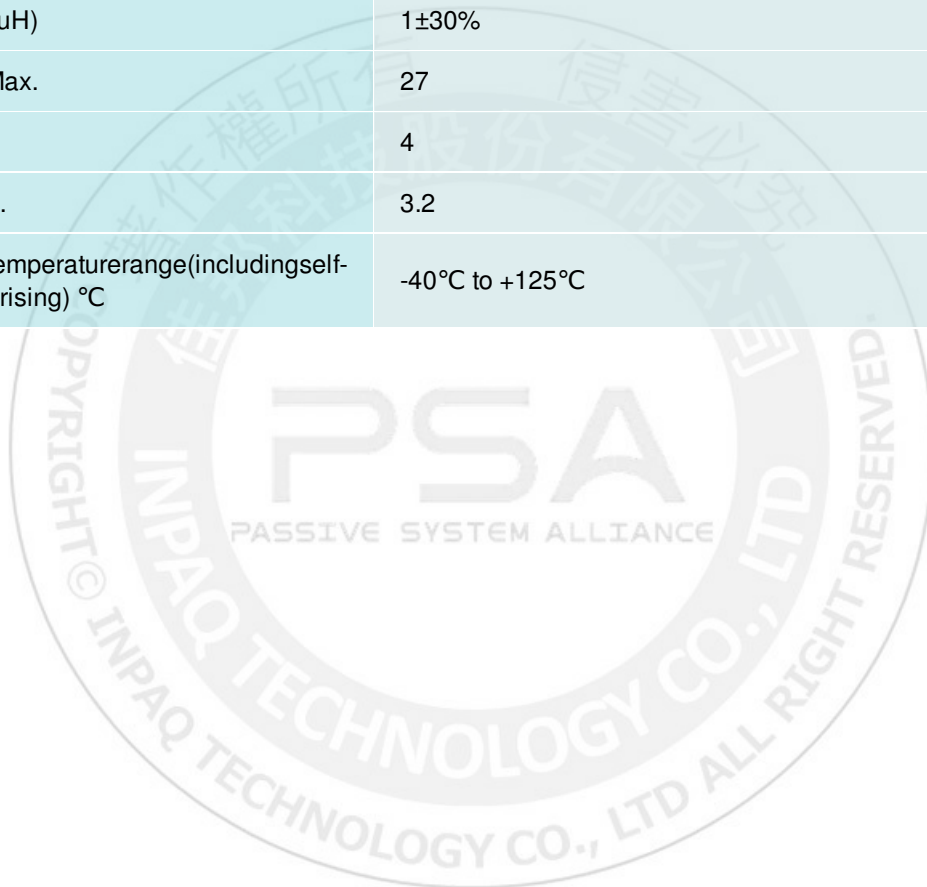
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## Specification

|                                                                |                 |
|----------------------------------------------------------------|-----------------|
| L size(mm)                                                     | 4.0±0.2         |
| W size(mm)                                                     | 4.0±0.2         |
| T size(mm)                                                     | 1.85 Max.       |
| Size codeinch (mm)                                             | 0418            |
| Inductance(uH)                                                 | 1±30%           |
| DCR(mΩ) Max.                                                   | 27              |
| Isat(A) Max.                                                   | 4               |
| Irms(A) Max.                                                   | 3.2             |
| Operating Temperaturerange(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 × 1.85 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                               | 0.1                | 1         |

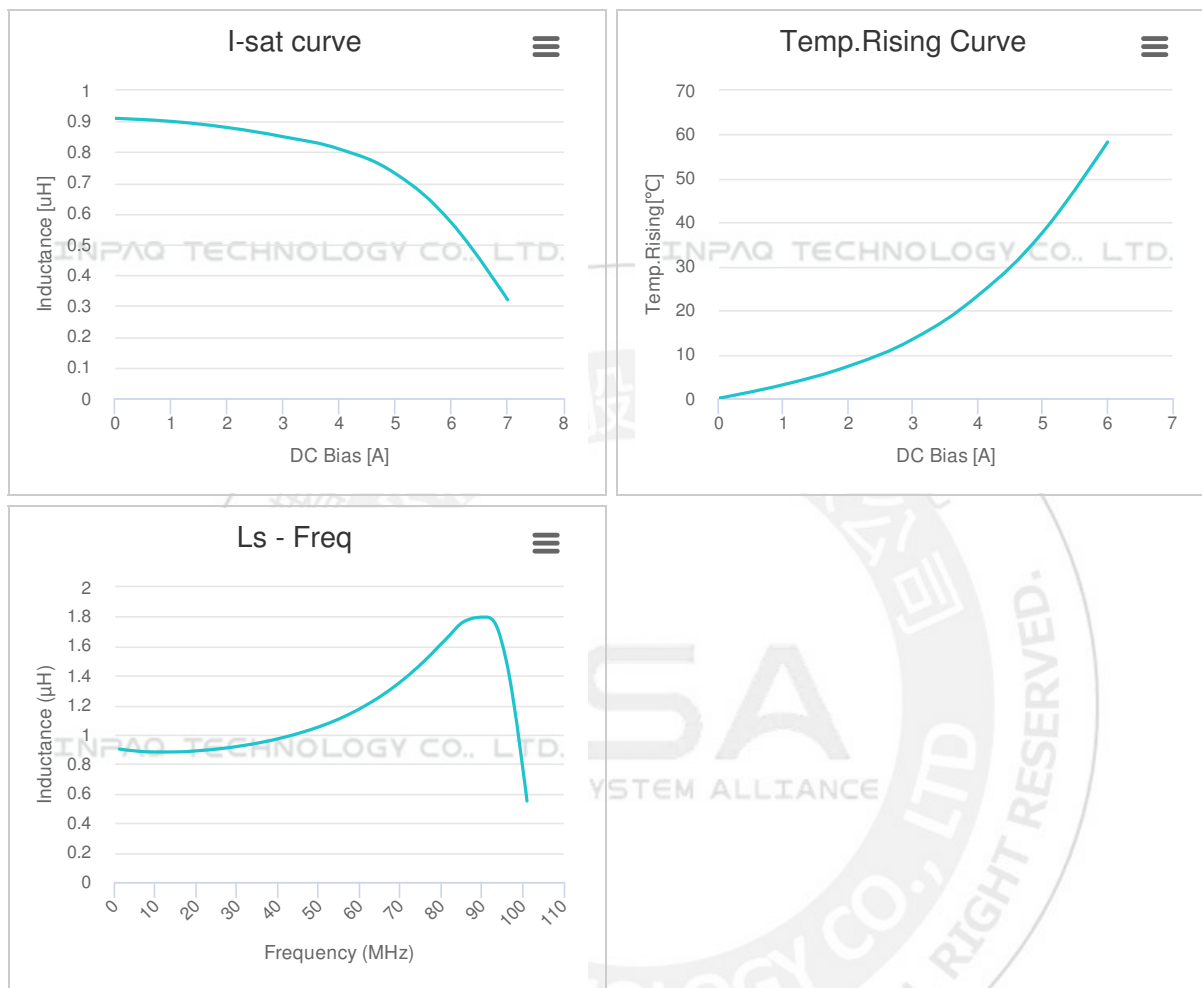
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## Characteristic curve



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