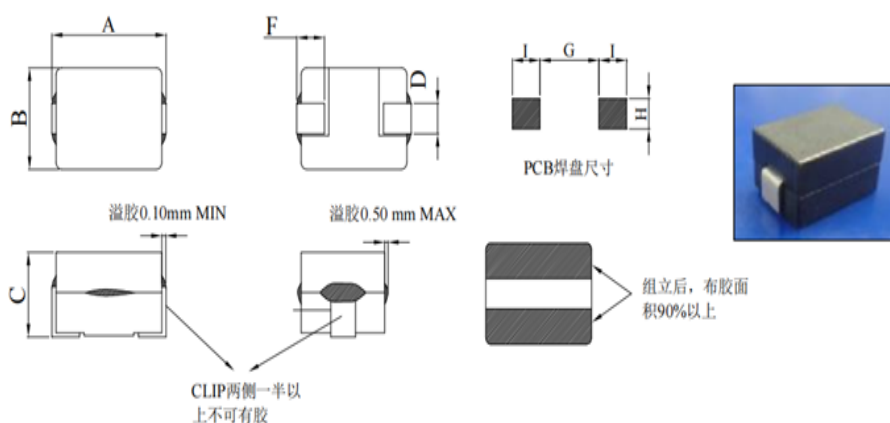


**◆ Features**

- 1、High-current SMD inductor.
- 2、Low-profile design.
- 3、High output processing capacity: Minimal copper loss
- 4、High saturation current and low DC resistance.
- 5、High operating frequency

**◆ Dimensions**


|   |       |      |
|---|-------|------|
| A | 10.20 | Max  |
| B | 7.00  | Max  |
| C | 5.00  | Max  |
| D | 2.50  | ±0.3 |
| F | 1.30  | ±0.2 |
| G | 6.35  | REF  |
| H | 3.00  | REF  |
| I | 2.0   | REF  |

Unit: m/m

**◆ Specification**

| Part Number           | Inductance<br>@100KHz, 1<br>V (μH) | DC Resistance   | Saturation<br>Current(A) | Heat Rating<br>Current (A) |
|-----------------------|------------------------------------|-----------------|--------------------------|----------------------------|
|                       |                                    | ±30% (Ω)<br>DCR | Isat                     | Irms                       |
| <b>SLA1005 Series</b> |                                    |                 |                          |                            |
| SLA1005SR08MTT        | 0.08±20%                           | 0.29            | 78                       | 70                         |
| SLA1005SR12KTT        | 0.12±10%                           | 0.32            | 58                       | 52                         |
| SLA1005SR15MTT        | 0.15±20%                           | 0.36            | 49                       | 40                         |
| SLA1005SR22MTT        | 0.22±20%                           | 0.42            | 49                       | 33                         |

**◆ Standard Packing Quantity: 1000 pcs/reel**

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