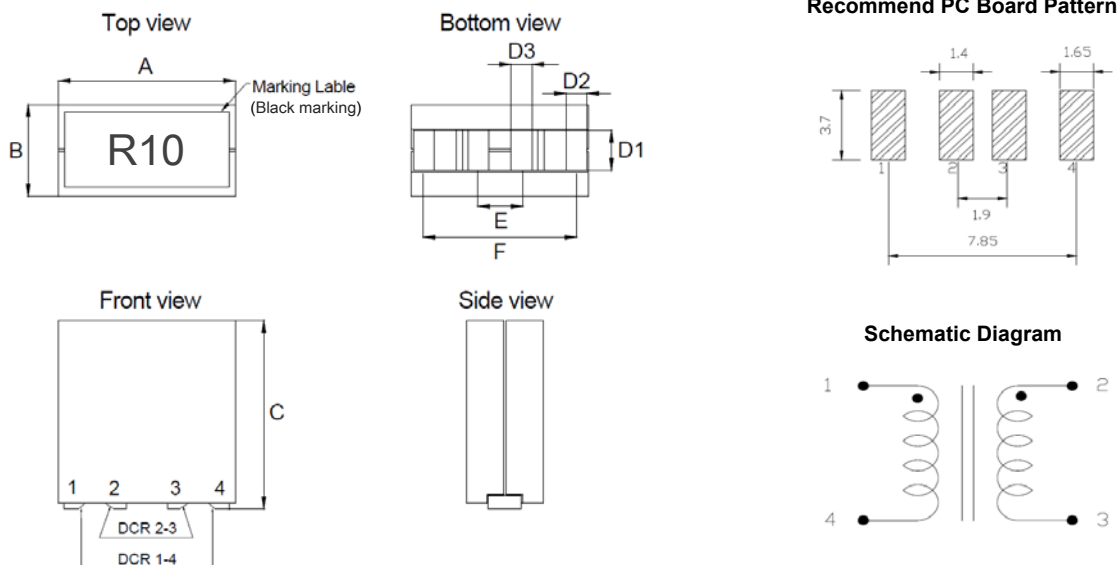


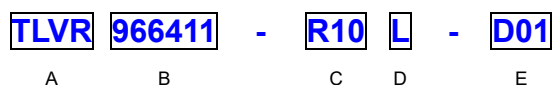
## 1. Dimension



| Series     | A(mm)    | B(mm)    | C(mm)     | D1mm)    | D2(mm)   | D3(mm)   | E(mm)    | F(mm)    |
|------------|----------|----------|-----------|----------|----------|----------|----------|----------|
| TLVR966411 | 9.30±0.3 | 6.10±0.3 | 10.20±0.3 | 3.20±0.3 | 1.15±0.3 | 0.60±0.3 | 2.20±0.3 | 7.85±0.3 |

PAD surface flatness 0.1mm max

## 2. Part Numbering



- A: Series  
 B: Dimension  
 C: Inductance R10=0.10uH  
 D: Inductance Tolerance L=±15%  
 E: Inner Code

## 3. Specification

| TAI-TECH<br>Part Number | L (nH)<br>1-4/2-3<br>±15% | Li<br>(nH)<br>Min | DCR<br>(mΩ) ±10% |       | Isat1 (A)<br>Note b<br>@25°C | Isat2 (A)<br>Note b<br>@100°C | Isat3 (A)<br>Note b<br>@125°C | Irms (A)<br>1-4<br>Note a | Irms (A)<br>2-3<br>Note a |
|-------------------------|---------------------------|-------------------|------------------|-------|------------------------------|-------------------------------|-------------------------------|---------------------------|---------------------------|
|                         |                           |                   | 1-4              | 2-3   |                              |                               |                               |                           |                           |
| TLVR966411-R10L-D01     | 100                       | 64                | 0.125            | 0.330 | 98                           | 83                            | 78                            | 75                        | 40                        |
| TLVR966411-R12L-D01     | 120                       | 77                | 0.125            | 0.330 | 79                           | 67                            | 63                            | 75                        | 40                        |
| TLVR966411-R15L-D01     | 150                       | 96                | 0.125            | 0.330 | 62                           | 53                            | 49                            | 75                        | 40                        |
| TLVR966411-R18L-D01     | 180                       | 115               | 0.125            | 0.330 | 54                           | 46                            | 43                            | 75                        | 40                        |
| TLVR966411-R22L-D01     | 220                       | 140               | 0.125            | 0.330 | 50                           | -                             | -                             | 75                        | 40                        |

Note:

- L1@ 100kHz, 1.0Vrms, 0A, 25°C.
- Li @ 100kHz, 1.0Vrms, IsAT.
- DCR @ 25°C, test DCR1-4 & DCR2-3 which was shown on dimension page.
- Operating Temperature: -40°C~ +125°C(Including self-temperature rise).
  - Irms: Irms is the DC current which causes the surface temperature of the part increase approximately 40°C.
  - IsAT1: is the DC current which causes the inductance drop to Li at +25°C
  - IsAT2: is the DC current which causes the inductance drop to Li at +100°C
  - IsAT3: is the DC current which causes the inductance drop to Li at +125°C