



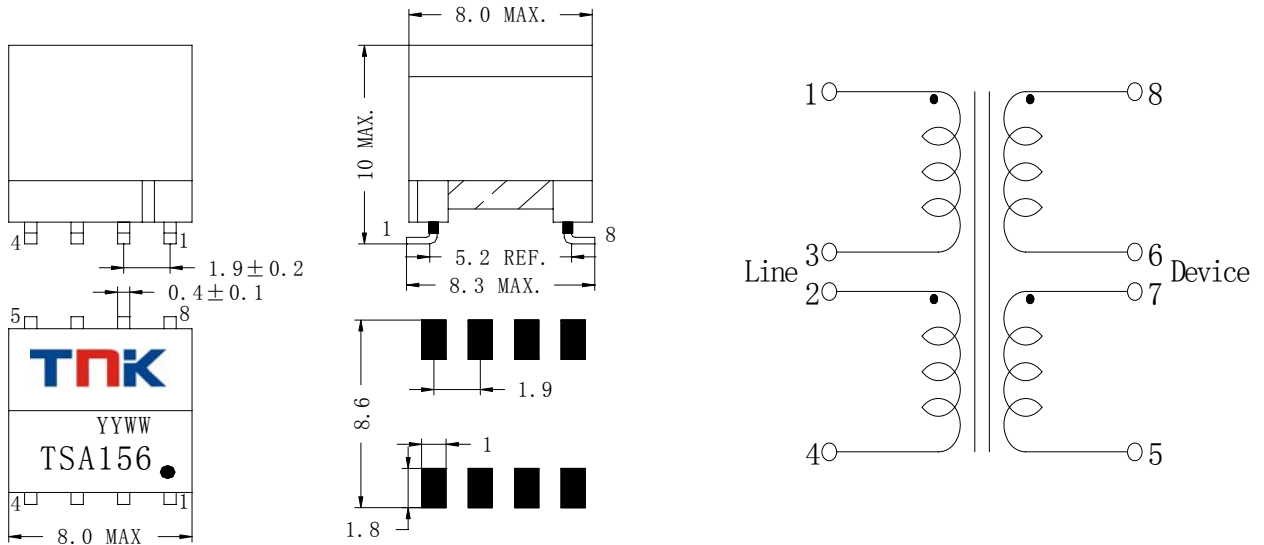
- VDSL Transformer
- RoHS Compliance Product
- EN60950 Compliant-250Vrms
- Operating temperature range:-40<sup>0</sup>C to +85<sup>0</sup>C

## Electrical Specifications @ 25°C

| Part Number | Turns Ratio                | OCL<br>@10KHz 100mV | CWW<br>@100KHz 100mV   | LL<br>@100KHz 100mV       | DCR               |                   | THD<br>@30KHz 3V               | Hi-Pot<br>(VAC0.5mA 1Sec) |
|-------------|----------------------------|---------------------|------------------------|---------------------------|-------------------|-------------------|--------------------------------|---------------------------|
|             | 1-4: 8-5<br>(2-3,6-7Short) | 1-4<br>(2-3 short)  | 1-8<br>(2-3,6-7 short) | 1-4<br>(2-3,8-7-6-5short) | 1-4<br>(2-3short) | 8-5<br>(6-7short) | 1-4 TO 8-5<br>(2-3, 6-7 Short) |                           |
| TSA156      | 1.4:1±2%                   | 430uH ±10%          | 35pFmax                | 1.0uH max                 | 1.0Ω max          | 1.0Ω max          | -60dB max                      | 1875                      |
|             | LB                         | LB                  | LB                     | IL                        | IL                | IL                | IL                             | IL                        |
|             | 12MHz                      | 17MHz               | 30MHz                  | 300KHz~8MHz               | 8MHz~30MHz        | 8MHz~30MHz        | 8MHz~30MHz                     | 8MHz~30MHz                |
|             | -45dB MAX.                 | -42dB MAX.          | -30dB MAX.             | 0.5dB MAX.                | 3.5dB MAX.        | 3.5dB MAX.        | 3.5dB MAX.                     | 3.5dB MAX.                |

## Mechanical

## Schematic



### NOTE:

- 1、Dimensions:mm;
- 2、 Unless otherwise specified,tolerances:±0.25(mm);