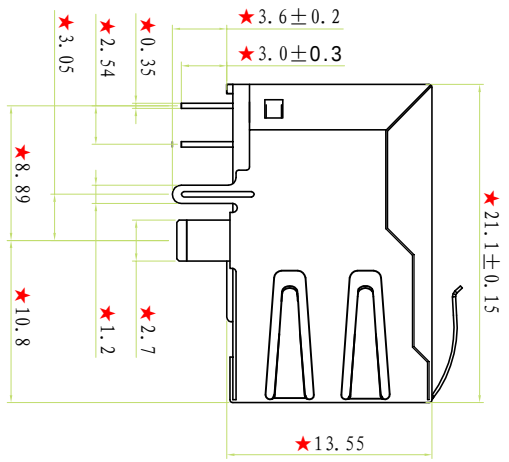
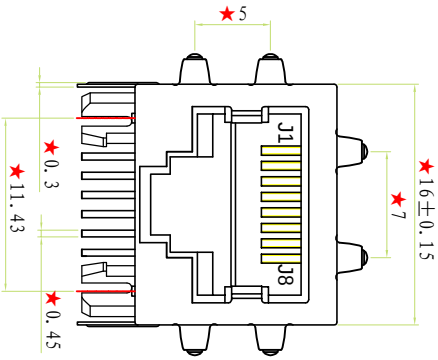
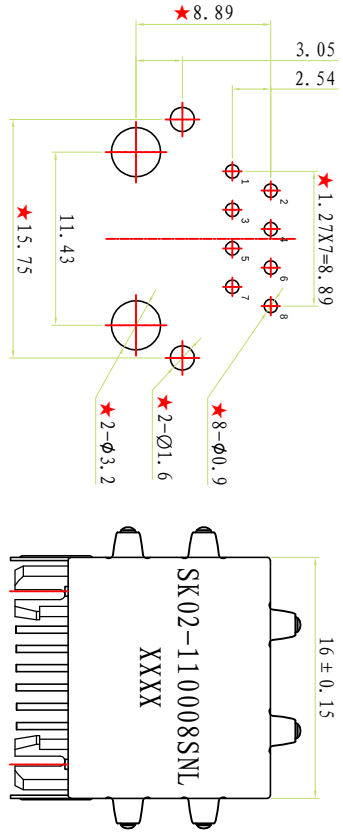


1、MECHANICAL (产品外观结构)



PC Board Layout



| REV. | DESCRIPTION   | ECN NO. | DATE       |  |
|------|---------------|---------|------------|--|
| A    | FIRST RELEASE |         | 2013.02.27 |  |
|      |               |         |            |  |
|      |               |         |            |  |
|      |               |         |            |  |

GENERAL SPECIFICATION

DESCRIPTION

- ◆ 10/100 BASE-TX RJ45 1X1 TAB-DOWN WITHOUT LEDS INTEGRATED MAGNETICS CONNECTOR (ICM).

FEATURES AND BENEFITS

- ◆ ROHS PEAK WAVE SOLDER TEMPERATURE RATING 260° C.
- ◆ RJ45 1X1 8-PIN WITH INTERNAL MAGNETIC;
- ◆ SUITABLE FOR CAT5 AND CAT6 FAST ETHERNET CABLE OR BETTER UTP.
- ◆ INTERNAL MANETICS: 100%ELECTRONICALLY TESTED FOR HI POT AND FUNCTIONALITY.

ELECTRICAL PERFORMANCE SUMMARY

- ◆ MEETS IEEE802.3 SPECIFICATION AND 350uH MINIMUM OCL WITH 8mA BIAS CURRENT.
- ◆ HIGH PERFORMANCE FOR MAXIMUM EMI SUPPRESSION.

TEMPERATURE PERFORMANCE

- ◆ STORAGE TEMPERATURE RANGE: -25° C TO +85° C.
- ◆ OPERATION TEMPERATURE RANGE: 0° C TO +70° C.

MATERIAL SPECIFICATION

- ◆ SHIELD: BRASS, 0.25mm THICKNESS WITH NICKEL PLATED.
- ◆ HOUSING: PBT (30% GLASS FIBER, UL94U-0)。
- ◆ SOLDERING MATERIAL: 99.3%Sn0.3%Cu.
- ◆ CONTACT: PHOSPHOR BRONZE, 0.35mm THICKNESS, HARD GOLD PLATED OVER TIN GOLD PLATING:

< 3 μ " INCH ☐ 3 μ " INCH ☐ 6 μ " INCH ☒

15 μ " INCH ☐ 30 μ " INCH ☐ 50 μ " INCH ☐

| TOLERANCE RATE |      |           |
|----------------|------|-----------|
| dimension      | A    | B C       |
| 0~4            | 0.05 | 0.10 0.20 |
| 4~16           | 0.08 | 0.15 0.30 |
| 16~64          | 0.12 | 0.25 0.50 |
| 64~250         | 0.25 | 0.40 0.80 |

**CSAK**® ELECTRONICS CO., LTD

TITLE: 10/100 BASE-TX 1\*1  
TAB-DOWN RJ45 WITHOUT LED

| SIGNATURE |            | DATE       | Page    | PART NO:       | REV: A | DWG NO: |
|-----------|------------|------------|---------|----------------|--------|---------|
| DRAWING   | LuoChao    | 2013.02.27 | 1       | SK02-110008SNL |        |         |
| CHECK     | Li Zi Biao | 2013.02.27 | 1       |                |        |         |
| APPROVED  | SkyGuo     | 2013.02.27 | Total 1 |                |        |         |
|           |            |            | 1       |                |        |         |

