



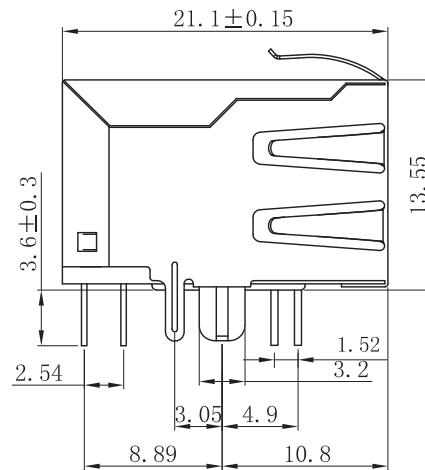
CURRENT RATING: 1.5AMPS
VOLTAGE RATING: 125V AC
INSULATION RESISTANCE: $\geq 500\text{M}\Omega$
WITHSTANDING VOLTAGE: AC 1000V
RMS 50Hz or 60Hz 1Min
CONTACT RESISTANCE: $\leq 30\text{m}\Omega$

MATING FORCE: 5-25N
RETENTION STRENGTH: $\geq 76\text{N}$
DURABILITY: ≥ 750 TIMES

HOUSING: PA6T OR PBT FILLED FILLD WITH FIBERGLASS
INSERT MATERIAL: PBT FILLED WITH FIBERGLASS
SHIELDING: 0. 2mm THICKNESS COPPER ALLOY WITH
NICKEL PLATED
CONTACT: 0. 35mm THICKNESS PHOSPHOR BRONZE, HARD
GOLD PLATED OVER TIN

MARKING: MARKING FOLLOW THE CUSTOMER REQUIREMENT

WORKING TEMPERATURE: $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$



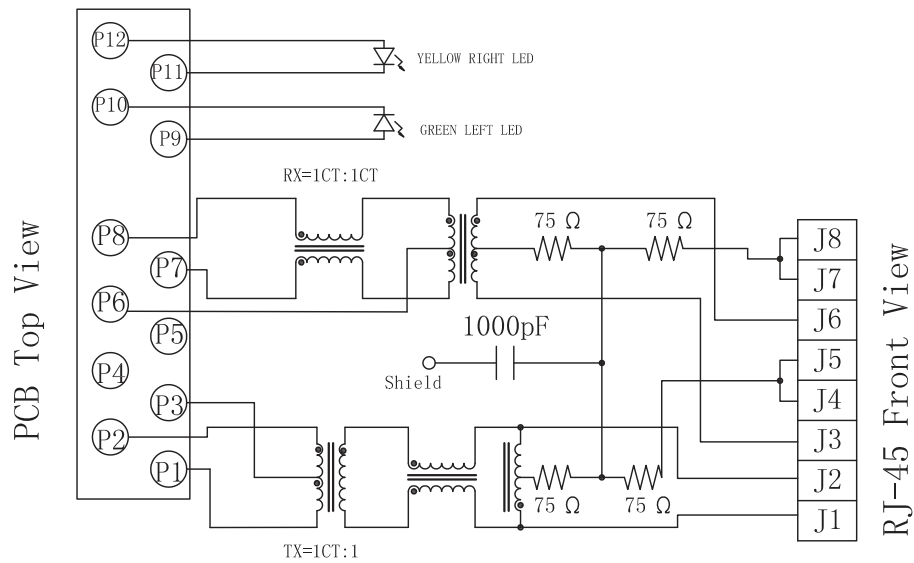
Technical drawing of a mechanical part with dimensions and tolerances. The drawing shows a side view of a component with a central circular feature and a rectangular section on the right. Dimensions are given in millimeters (mm) with tolerances in parentheses.

- Overall width: 15.75
- Overall height: 8.89
- Top horizontal dimension: 1.27X7=8.89
- Top horizontal dimension: 2.54
- Top horizontal dimension: 3.05
- Top horizontal dimension: 4.9
- Top horizontal dimension: 1.52
- Top horizontal dimension: 7.57
- Top horizontal dimension: 11.43
- Top horizontal dimension: 12.65
- Top horizontal dimension: 8-ø0.9
- Top horizontal dimension: 2-ø1.6
- Top horizontal dimension: 2-ø3.2
- Top horizontal dimension: 4-ø1.02

SK02-	11	1	006	NL	-(Y/N)
A	B	C	D	E	F

A: It stands for the RJ45 designer: Such as SK or Other, 01 or 02 stands for as followig: 01=Tab up, 02=Tab down
B: The parts are single or multi-ports: such as SK01-11xxxx, it means 1x1 single port, SK01-21xxxx, means 2x1 or 1x2, it is a dual ports RJ45 filtered connector. "G" the mean is 1000base requirement.
C: Tells it is a LEDs version or not, "1" means with LEDs, "0" or else there is without LEDs.
D: It stands for the Parts's series No.
E: NL=RoHS Complaint.
F: Contact Plating Code: Normal type is No Mark, it stands the Contact Area of Contact Pin is 6U" Gold Plating. More than 6U" need Mark 15 or 30 or 50.etc.

SK02-111006NL
RJ45



ALL THE RAW MATERIALS MEET RoHS STANDARD

ELECTRICAL SPECIFICATIONS: @25°C unless otherwise noted

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1. 0 TURNS RATIO: TX= 1CT: 1 ± 5%
 RX=1CT: 1CT ± 5%

2. 0 OCL : 350uH MIN @0.1V, 100KHZ, 8mA DC BIAS

3. 0 Cww: 28 pF Max

4. 0 L.L : 0.4 uH MAX

5. 0 Rise Time:
 10-90% 2.5 nS Typ

6. 0 RETURN LOSS: 30MHZ : -16dB MIN
 40MHZ : -14dB MIN
 50MHZ : -13.5dB MIN
 60MHZ : -13dB MIN
 80MHZ : -10dB MIN

7. 0 INSERTION LOSS:
 0.3 MHZ TO 100MHZ : -1.15dB MAX

8. 0 HI-POT : 1500Vrms 6s

9. 0. Cross Talk: 0.3MHZ TO 30 MHZ : -40dB MIN
 30 MHZ TO 60 MHZ : -35dB MIN
 60 MHZ TO 100 MHZ : -30dB MIN

10. CMR: 1 MHZ TO 30 MHZ : -30 dB Min
 30 MHZ TO 60 MHZ : -25 dB Min
 60 MHZ TO 125 MHZ : -20 dB Min

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