

**Specification:**

**Material:**

- 1. BOX Housing :ABS
- 2. JACK Housing :PC
- 3. RJ45 contact material & finished:
  - 3-1.Phosphor Bronze with Nickel plated.
  - 3-2.Contact area : Gold plated.

**4.IDC Housing: PC**

**5.IDC Terminal material & finished:**

- 5-1.Phosphor Bronze with Tin plated.
- 5-2. 110 tool compatible.
- 5-3. Suitable for 22-26 AWG stranded and solid wire.

**Performance:**

- a.The sticker color codes combine two wirings of T568A & T568B.
- b.Insertion Force: 900 gms for 8 contacts.
- c.Retention Strength: 7.7 kgs between Jack and Plug.
- d.Operation Temperature: -20° to 68°.

**e.Durability:**

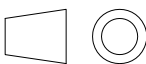
- e-1. Jack : 750 cycles Plug-Jack mating and unmating test, Insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.
- e-2. IDC : Max. 200 punching times.
- f.The Cat.5e performance is in compliance with the ANSI/TIA/EIA 568 C.2 standard.

Tolerance:  
X. ±0.5  
.X ±0.3  
.XX ±0.10

SCALE:  
FREE  
UNIT:  
mm

Angle:  
X° ±3°  
.X° ±1°

REV.:  
00

CUSTOMER:  
  
SHEET 1/1

CUSTOMER P/N:  
DWG. No.:

COMPANY P/N:  
01.075.0105  
TITLE: 1 PORT UTP  
CAT5E SURFACE BOX

Approved by  
Checked by  
Design by  
XJH

REV. DESCRIPTION

DATE