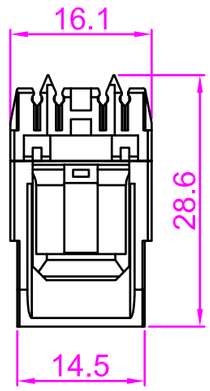
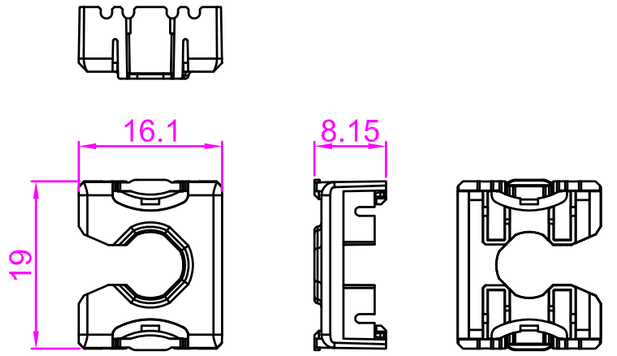
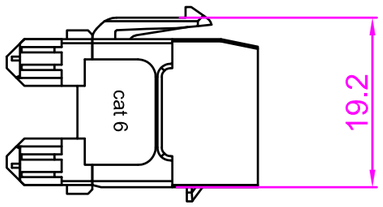
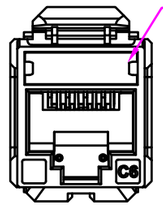
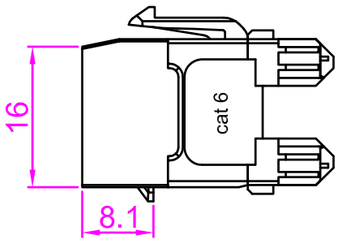
PRODUCTION

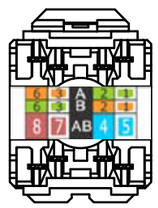




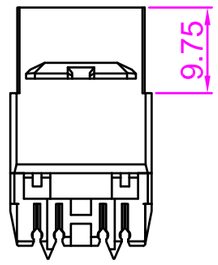






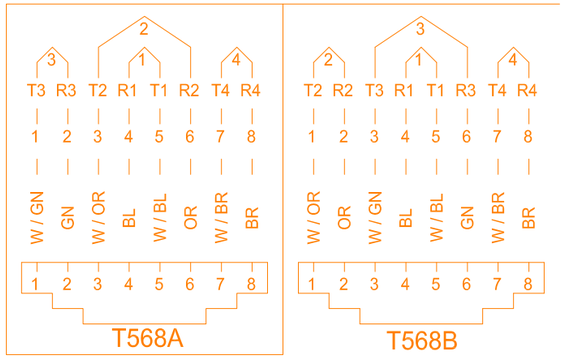


<material description>
Module body: PC UL94V-0
Module Clamp: PC UL94V-0
IDC Block :P C UL94V-0
IDC terminals: phosphor bronze C5191R-H, soft nickel plating
PIN:phosphor bronze C5210-EH, t=0.35mm, nickel plating
PIO:first,The contact surface with the crystal head is
PIP:gold-plated by 50u"PCB board: FR-4
<physical properties>
Plugging life: RJ-45 crystal head mated with standard FCC port more than 750 times
Service life: more than 200 times
Wire Size: 22 to 24 AWG/single core
Operating temperature: -10°C~60°C
Storage temperature: -40°C~68°C
Relative humidity: 10%~90%RH
<electrical characteristics>
Insulation resistance: ≥500MΩ
High voltage test: 1000V AC
DC current: 1.5Amps
(STP)DC impedance: ≤100mΩ
(UTP)DC impedance: ≤200mΩ
Contact impedance: ≤20mΩ
It meets the requirements of the RJ45 series port of international standards, and the technical performance is in line TIA/EIA568 Category 6 standard. Meet the use environment of 15-90 meters





According to ANSI/TIA-568.2-D requirements
Category 6 Unshielded Channel Compliant



Scale	NONE					All Copy Rights Reserved	
3rd Angle Projection						DAN-CHIEF TECHNOLOGY CO., LTD.	
Unit	mm					Title	
Date	2026/11/17					QKNB-01BI-C6-XX	
Tolerance							
~20	~50	~150	150~	ANGLE		Drawn by	Checked by
±0.2	±0.4	±0.5	±1.5	±2°		NICK	2026.11.19 09:41:59 +08'00'