



Material:

- 1. RJ45 Jack:
- 1-1. Housing: Zinc Alloy
- 1-2. RJ45 Bracket Set: PBT+Glass Fiber UL 94V-0.
- 2. RJ45 Jack Contact
- 2-1. Material: Phosphor Bronze with Nickel plated.
- 2-2. Finish: 3-50 micro-Inch Gold plated on Plug contact area.
- 3. IDC:
- 3-1. Housing: PC+Glass Fiber, UL 94V-2.
- 3-2. Terminal: Phosphor Bronze with min.50 micro-inch Tin plated.
- 4. IDC CAP: ABS, UL 94-HB.
- 5. PCB: FR4, UL 94V-0

Performance:

- a. T568A & T568B wiring sticker.
- b. Insertion force: 20N max. (IEC 60603-7-4).
- c. Retention strength: 7.7kg between jack and plug.
- d. Operating temperature: -10°C to 60°C (ISO/IEC11801, ANSI/TIA/EIA 568 B.2)
- e. Life (mating cycles):
 - *jack: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4)
 - *IDC: suitable for 24-26 AWG stranded and solid wire, compatible with both 110 & krone punch down tools.
- f. The CAT6 transmission performance is in compliance with the ANSI/TIA/EIA 568 B.2 standard.

-TOLERANCES- UNLESS OTHERWISE SPECIFIED						
	PART DESCRIPTION: Keystone DATAWAY CAT6 STP Tool Free RJ45					
UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE: 0.5 - 8mm ± 0.20mm 8 - 30mm ± 0.25mm 30 - 120mm ± 0.30mm						
	Appr: JIM.KING	P/N: DW-KE-6-STP-TF				
	Check:	Date	Scale	Unit	Type	Page
Draw: XIEFENG	2023.05.05	Free	MM	Z	1/1	