



Specification :

Material :

1. RJ45 jack :
 - 1-1. Housing : ABS+PC, UL94V-0, black color.
 - 1-2. Contact bracket : PC, UL94V-2, transparent color.
2. RJ45 jack contacts:
 - 2-1. Material : Phosphor bronze with nickel plating.
 - 2-2. Gold plating : 50 micro-inch gold plating on surface of plug contact area.
3. Cap A&B : ABS+PC, UL94V-0, black color.
4. IDC :
 - 4-1. Housing : PC, UL94V-2, grey color.(RAL7035)
 - 4-2. Terminals : Phosphor bronze with tin plating.
5. IDC-Cap: PC, UL94V-2, white color.
6. Shutter : ABS+PC, UL94V-0, white color.
7. PCB : FR4, UL94V-0.

Features & performance :

- a. Compliant with the ANSI/TIA-568.2-D Cat.6 requirement.
 - b. Compliant with the IEC60603-7 dimension & reliability requirement.
 - c. T568A & T568B wiring.
 - d. Life (Mating cycles): Min. 750 cycles.
 - e. Mating & un-mating force: Max. 20 N.
 - f. Retention strength: 7.7 kg between jack & plug.
 - g. Wire conductor range: Solid and stranded, 23-26 AWG.
 - h. Cable OD range: 5.5-9.0 mm.
 - i. IDC re-installing cycles: Min. 20 cycles.
 - j. Operating temperature: -10°C to +60°C.
- Note: The mated plug should compliant with the IEC60603-7 requirement.

GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.1 X.XX ±0.2 X.X ±0.3	DRAWING	31.MAR.2023	WENJUN	ACT	
	CHECK	31.MAR.2023	JANE		
	APPROVAL	31.MAR.2023	FRANK		
		DATE	NAME	ITEM NO.: TD6024	
	SCALE	1/1 (A4)	UNIT	mm	DES.: KJ88F-C6-US/BK-D
HSF Spec.		DRAWING NO. TD6024-KJ88F-C6-US/BK-D(SA2)			
ROHS		DRAWING CLASSIFICATION			S