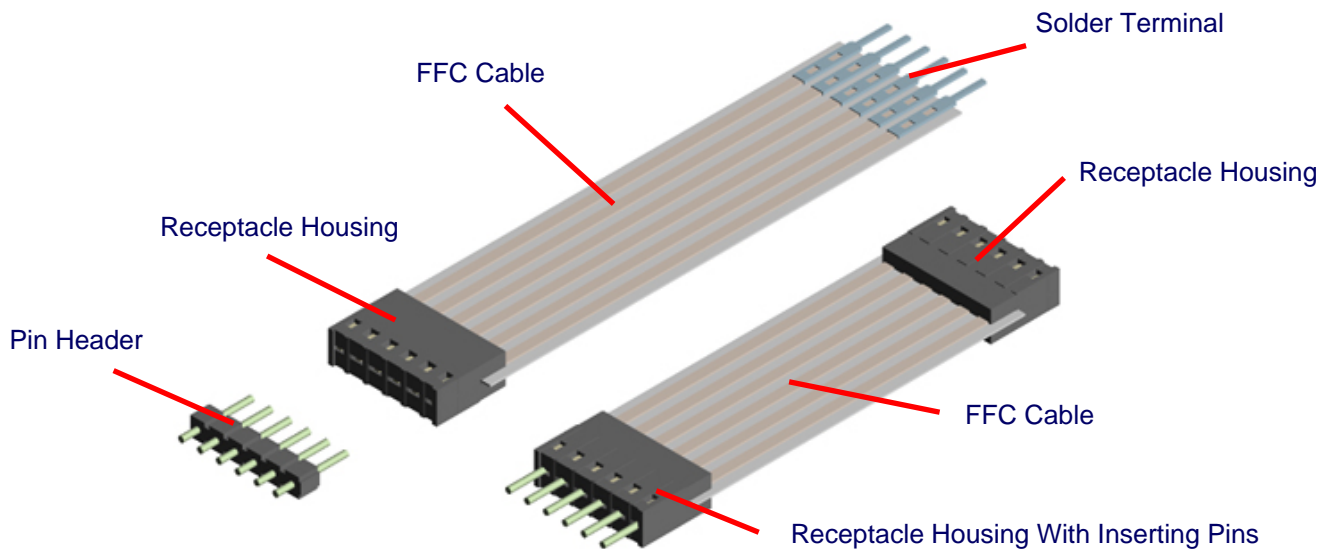


1. APPLICATION SCOPE

The flexible jumper cable is used to connect in between board to board for more firmly and tightly, Such as: industrial control system, car wiring system, led-lighting realm etc.



2. THE SPECIFICATION OF FLEXIBLE JUMPER CABLE

- 2-1. Number of conductor : 2 to 36
- 2-2. Pitch : 1.27mm,2.54mm
- 2-3. Insulation material : Polyester(white)
- 2-4. Conductor material : Bare copper wire(red)
- 2-5. Operating temperature : -40°C to +105°C

3. THE SPECIFICATION OF RECEPTACLE HOUSING

- 3-1. Material : Thermoplastic filled with glass fiber(black)
- 3-2. Operating temperature : -55°C to +150°C
- 3-3. Flammability rating : UL 94V-0
- 3-4. Insulation resistance : 5,000M Ohm
- 3-5. Dielectric withstanding voltage : 300V

4. THE SPECIFICATION OF SOLDER TERMINAL

- 4-1. Material : Phosphor copper
- 4-2. Plating specification : Base,50u" by nickel;surface,80-120u" by pure tin
- 4-3. Contact resistance : 10M Ohm max.
- 4-4. Insulation resistance : 5E+05M Ohm at 500V
- 4-5. Withstanding voltage : 1000V
- 4-6. Capacitance between two contacts : 4 pF max.
- 4-7. DC rated current : 3A
- 4-8. AC rated current : 5A

5.THE FINISHED PRODUCT CHARACTERISTIC

Note:Only applicable to 2.54mm Pitch,Conductor Size=0.10× 1.27 or 0.076× 1.57

Item	Test method	Specification
Conductor resistance	JIS-C-3102 at 20°C	0.16Ω/M
Insulation resistance	DC1000V after 1 min	≥100MΩ
Dielectric withstanding voltage between conductors	AC1000V for 1min.	No breakdown
Rated voltage/temperature	--	300V/105°C
Conductor current	--	3A
Heat Resistance	105 °C,96hrs	Insulation resistance and dielectric withstanding voltage pass
Temperature cycling	-40°C— 85°C— 105 °C— 85°C	Insulation resistance and dielectric withstanding voltage pass
Humidity	40°C 95% RH,96hrs	Insulation resistance and dielectric withstanding voltage pass
Abrasion Test	0.5R/mm,600g,60cycle/min	≥10,000cycles
Flexing Test	25R/mm,300mm,60cycle/min	≥1,000,000cycles
UL Flame Rating	--	UL VW-1