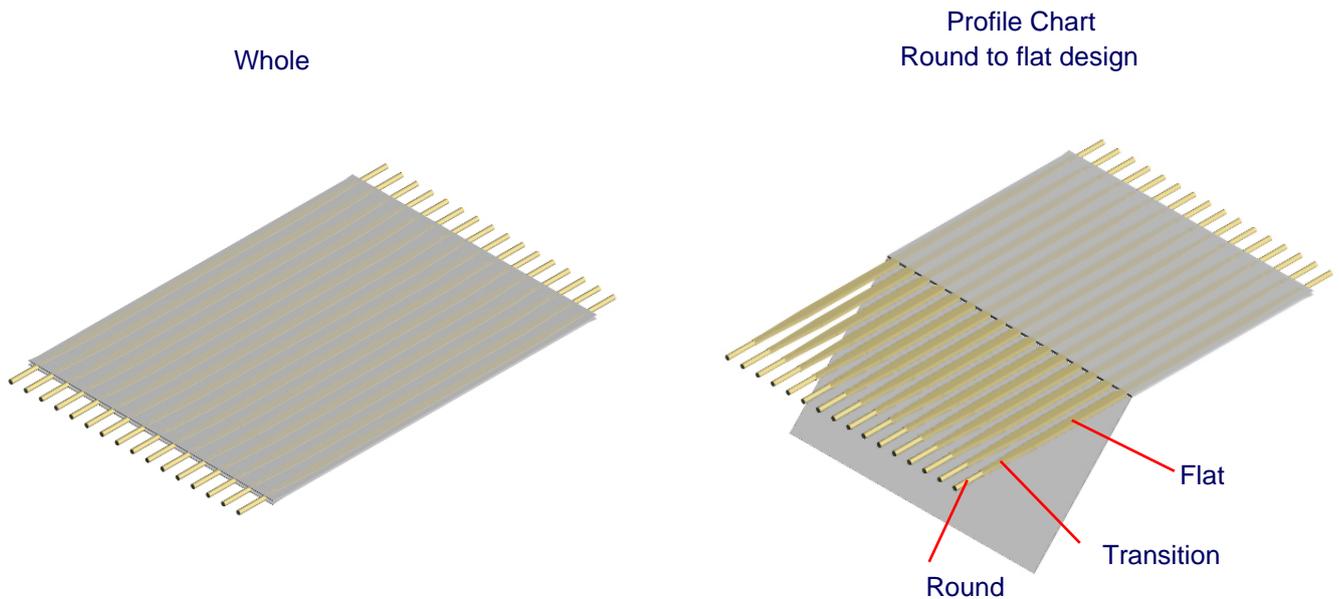
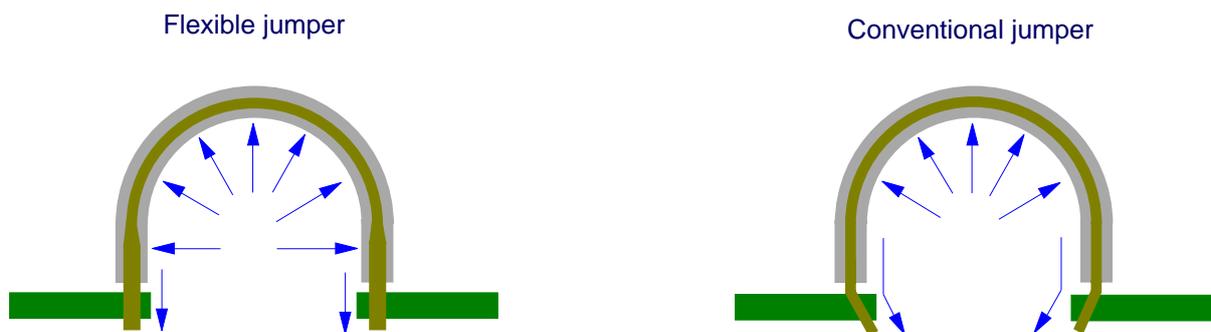


1. APPLICATION SCOPE

The flexible jumper cable is used to connect in between board to board,It may be repeatedly flexed without failure,Round-to-flat conductor design and one-piece construction give vibration-proof reliability and longer life than conventional wiring systems.It has been using widely in electrical appliances,telecommunications systems,industrial electronics,electrical equipmen,military,aerospace realm etc.



2. DESIGN FEATURES(Assembly Picture)



Stress is evenly distributed over the entire flexing area and the two solder ends has been strengthened

Easily fracture and bend at the two solder ends

3. THE SPECIFICATION OF FLEXIBLE JUMPER CABLE

3-1. Number of conductor : 1 to 80(1.27mm pitch),1 to 50(2.0mm pitch),1 to 40(2.54mm pitch),
1 to 10(3.50mm pitch)

3-2. Pitch : 1.27mm,2.0mm,2.54mm,3.50mm(For other Pitch,can be customized)

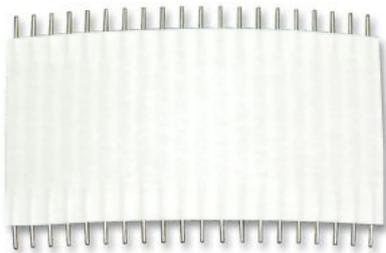
3-3. Insulation materials : Polyester,Nomex,Teflon,Kapton,Pen,these insulation material are derived from USA Dupont Inc.

3-4. Conductor material : Copper wire(Tin plated or Gold plated)

4. THE SPECIFICATION OF INSULATION MATERIAL

Insulation Material	Polyester (PET)	Nomex (Aramid)	Teflon (FEP)	Kapton (Polyimide)
Conductor Pitch	2.54mm	2.54mm	2.54mm	2.54mm
Wire Gauge	24AWG	24AWG	24AWG	24AWG
UL Flame Rating	VW-1	VW-1	VW-1	VW-1
Insulation Resistance at DC500V	1×10^{12} Ohm	2×10^{12} Ohm	2×10^{12} Ohm	2×10^{12} Ohm
Capacitance(picofarad/foot)	10.2pF/ft	8.9pF/ft	10.5pF/ft	9.1pF/ft
Characteristic Impedance	118 Ohm	123 Ohm	101 Ohm	112 Ohm
Temperature Rating	105°C	125°C	150°C	150°C
Current Rating	3A	3A	3A	3A
Voltage Rating	300V	300V	300V	300V
Min.breakdown Voltage at 1 min.	2000V	2000V	2000V	2000V
Min.Bend Radius	1mm	1mm	1mm	1mm

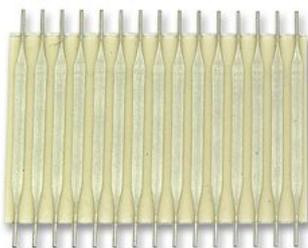
5. PRODUCTS SHOW



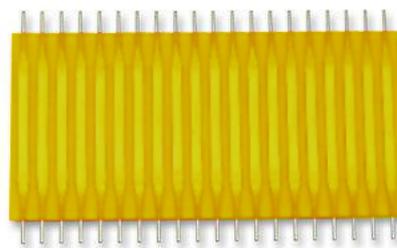
Polyeser Material



Nomex Material



Teflon Material



Kapton Material

6. THE FINISHED PRODUCT CHARACTERISTIC

Conductor Pitch		1.27mm(0.050")	2.0mm(0.07874")	2.54mm(0.100")	3.50mm(0.1378")
Wire Gauge		28AWG	26AWG	24AWG	19AWG
Wire Diameter		0.32mm(0.0126")	0.40mm(0.0159")	0.51mm(0.0201")	0.91mm(0.0359")
Min. Bend Radius		1mm	1mm	1mm	1.5mm
Current Rating		1.6A	2.0A	3.0A	7.0A
Voltage Rating		300V	300V	300V	300V
Min. Breakdown Voltage at 1 min.		2000V	2000V	2000V	2000V
Application Temperature Range(°C) (For Soldering)	Polyester	200/4sec	200/4sec	250/4sec	250/4sec
	Nomex	300/60sec	300/60sec	300/60sec	300/60sec
	Teflon	300/60sec	300/60sec	300/60sec	300/60sec
	Kapton	300/60sec	300/60sec	300/60sec	300/60sec
Operating Temperature(°C)	Polyester	-40 to +105	-40 to +105	-40 to +105	-40 to +105
	Nomex	-40 to +125	-40 to +125	-40 to +125	-40 to +125
	Teflon	-40 to +150	-40 to +150	-40 to +150	-40 to +150
	Kapton	-40 to +150	-40 to +150	-40 to +150	-40 to +150