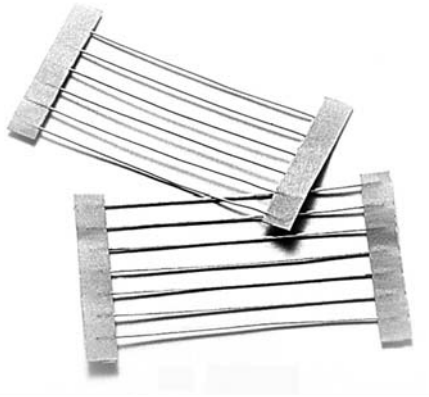
JPW Series

Jumper Wires

SPECIFICATIONS

Material of Jumper Wire	Soft Copper Wire with Tin Plating		
Conductor Resistance	0.005Ω/cm		
Wire Diameter	ø0.5、ø0.6、ø0.7、ø0.8、ø1.0(±0.05mm)		
Tension Strength	CNS 8938 within 28kg/mm^2		
Extension Rate	CNS 8938 ø0.5~ø0.6mm	over 24%	
	CNS 8938 ø0.7~ø1.0mm	over 26%	
Conductivity	ø0.5mm	Minmum 94%	
	ø0.6~ø1.0mm	Minmum 96%	
Twisting Strength	CNS 8938 ø0.5mm	Load 250 g	3 cycles
	CNS 8938 ø0.6~ø0.8mm	Load 500 g	3 cycles
	CNS 8938 ø1.0mm	Load 1.0 kg	3 cycles
Solderability	JIS520 6-5 235°C±5°C , 5±0.5 sec. Coverage 95%		
Element of Plating	JIS-H3101 Tin Minimum 99%		
Thickness of Plating	3~5μ		
Current Rating	ø0.5mm	6 AMPS at 70°C	
	ø0.6mm	7.5 AMPS at 70°C	
	ø0.7mm	8.5 AMPS at 70°C	
	ø0.8mm	10 AMPS at 70°C	
	ø1.0mm	15 AMPS at 70°C	
Appearance	Smooth and Shining		



INTRODUCTION

Jumper wires or crossovers, as they are sometimes called, are basically interconnection devices between points on a P.C.Board. Generally they are used for the following reasons:

- Inability to connect two points on a P.C. Board due to other circuit paths which must be crossed over.
- An After-the-Fact design change that requires new point connections.
- Circuit tuning by changing point connections.

Jumper wires offers a quick simple solution to these problems. They are especially suited for automatic machine insertion on lead tape or available in all packaging styles including pre-cut and formed leads for manual insertion.

DIMENSIONS

Unit : mm

STYLE	ød	L		
JPW-05	0.5±0.05	26±1	52.4±1	–
JPW-06	0.6±0.05	26±1	52.4±1	73±1
JPW-07	0.7±0.05	26±1	52.4±1	73±1
JPW-08	0.8±0.05	26±1	52.4±1	73±1
JPW-10	1.0±0.05	26±1	52.4±1	73±1