

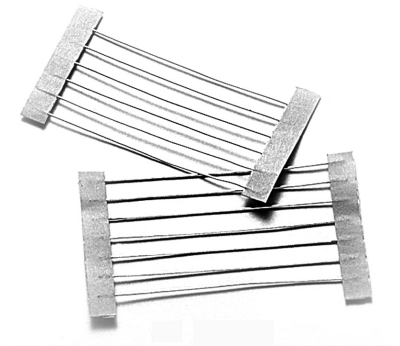
JPW Type

Normal Style [JPW Series]

Jumper Wires

SPECIFICATIONS

Material of Jumper Wire	Soft copper wire with tin plating		
Conductor Resistance	0.54m Ω/cm		
Wire Diameter	ø0.5, ø0.6, ø0.7, ø0.8, ø1.0 (±0.05mm)		
Tension Strength	CNS 8938 within 28kg/mm²		
Extension Rate	CNS 8938 ø0.5 to ø0.6mm	over 24%	
	CNS 8938 ø0.7 to ø1.0mm	over 26%	
Conductivity	ø0.5mm	Minmum 94%	
	ø0.6 to ø1.0mm	Minmum 96%	
Twisting Strength	CNS 8938 ø0.5mm	Load 250g	3 cycles
	CNS 8938 ø0.6 to ø0.8mm	Load 500g	3 cycles
	CNS 8938 ø1.0mm	Load 1.0kg	3 cycles
Solderability	JIS-5012-C5033 260±5°C, 5±0.5 Sec. coverage 95%		
Element of Plating	JIS-H3101 Tin Minimum 99.9%		
Thickness of Plating	4µm±1µm		
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

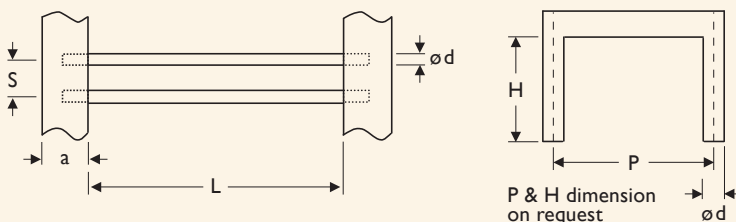
Jumper wires or crossovers, as they are sometimes called, are basically interconnection devices between points on a P.C.Board. Generally they are used for the following reasons:

- 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	DIMENSION			
	Normal	ød	L	S a
JPW-05		0.5±0.05		
JPW-06		0.6±0.05	26.0±1.0	
JPW-07		0.7±0.05	52.4±1.0	5.0±0.1 6.0±0.5
JPW-08		0.8±0.05	73.0±1.5	
JPW-10		1.0±0.05		