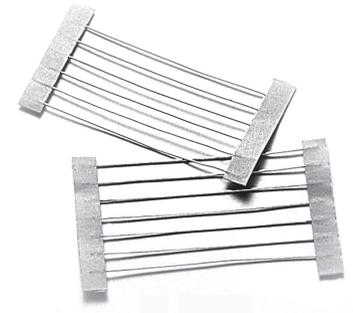


# Tinned-Copper Wire Type

## Normal Style [ JPW Series ]

## Jumper Wires



### SPECIFICATIONS

Material of Jumper Wire	Soft copper wire with tin plating		
Wire Diameter	$\varnothing 0.5, \varnothing 0.6, \varnothing 0.7, \varnothing 0.8, \varnothing 1.0$ ( $\pm 0.05\text{mm}$ )		
Tension Strength	CNS 8938 within 28kg/mm <sup>2</sup>		
Extension Rate	CNS 8938 $\varnothing 0.5$ to $\varnothing 0.6\text{mm}$	over 24%	
	CNS 8938 $\varnothing 0.7$ to $\varnothing 1.0\text{mm}$	over 26%	
Conductivity	$\varnothing 0.5\text{mm}$	Minimum 94%	
	$\varnothing 0.6$ to $\varnothing 1.0\text{mm}$	Minimum 96%	
Twisting Strength	CNS 8938 $\varnothing 0.5\text{mm}$	Load 250g	3 cycles
	CNS 8938 $\varnothing 0.6$ to $\varnothing 0.8\text{mm}$	Load 500g	3 cycles
	CNS 8938 $\varnothing 1.0\text{mm}$	Load 1.0kg	3 cycles
Solderability	235 $\pm$ 5°C, 3 $\pm$ 0.5 Sec. coverage 95%		
Element of Plating	Tin Minimum 99.9%		
Thickness of Plating	4 $\pm$ 1 $\mu\text{m}$		
	$\varnothing 0.5\text{mm}$	6 AMPS at 70°C	
	$\varnothing 0.6\text{mm}$	7.5 AMPS at 70°C	
	$\varnothing 0.7\text{mm}$	8.5 AMPS at 70°C	
	$\varnothing 0.8\text{mm}$	10 AMPS at 70°C	
Current Rating	$\varnothing 1.0\text{mm}$	15 AMPS at 70°C	
	Appearance Smooth and shining		

### INTRODUCTION

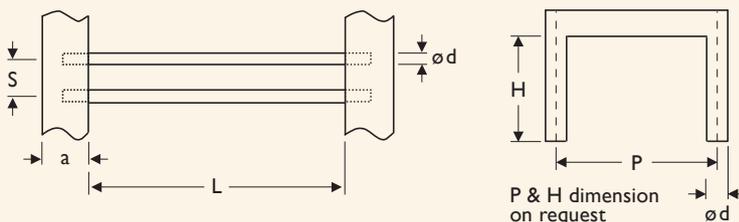
Jumper wires or crossovers, as they are sometimes called, are basically interconnection devices between points on a PC Board. Generally they are used for the following reasons:

- Inability to connect two points on a PC 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, and are available in all packaging styles, including pre-cut and formed leads, for manual insertion.

- Products meet EU-RoHS requirements

### DIMENSIONS



Unit: mm

STYLE	DIMENSION				
	Normal	$\varnothing d$	L	S	a
JPW-05		0.5 $\pm$ 0.05			
JPW-06		0.6 $\pm$ 0.05	26.0 $\pm$ 1.0		
JPW-07		0.7 $\pm$ 0.05	52.4 $\pm$ 1.0	5.0 $\pm$ 0.1	6.0 $\pm$ 0.5
JPW-08		0.8 $\pm$ 0.05	73.0 $\pm$ 1.5		
JPW-10		1.0 $\pm$ 0.05			