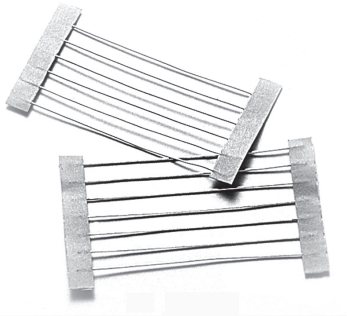
Tinned-Copper Wire Type

Normal Style [JPW Series]

Jumper Wires

SPECIFICATIONS

Material of Jumper Wire	Soft copper wire with tin plating		
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	235±5°C, 3±0.5 Sec. coverage 95%		
Element of Plating	Tin Minimum 99.9%		
Thickness of Plating	4±1 µm		
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

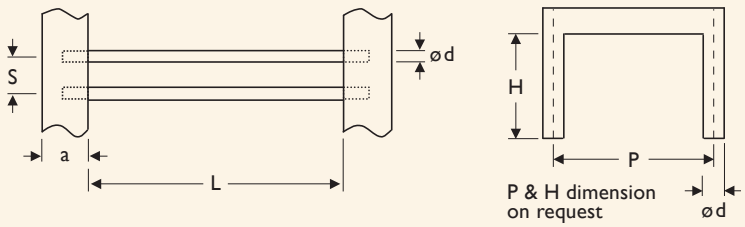
Jumper wires or crossovers, as they are sometimes called, are basically interconnection devices between points on a PC Board. Generally they are used for the following reasons:

- 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	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			

Revision: 2020

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