

# JST's highly reliable products are the result of high-quality materials and unique crimping methods.



## Features of JST solderless terminals and solderless splices.



### VARIETIES

Many different varieties available for prompt delivery. Custom-ordered models can also be quickly fabricated.

This catalog lists the standard varieties of JST solderless terminals and solderless splices. Mass production makes possible lower prices and prompt delivery. Although the most economical method is to select models from this catalog which are compatible with the conditions under which they are to be used, special custom-ordered models can also be quickly fabricated. Contact us for further information.



### MATERIALS

Oxygen-free copper with excellent electrical characteristics.

Oxygen-free copper is used for most of JST's standard terminals. This material has high electroconductivity and inherent toughness, and it can be safely brazed with no chance of hydrogen embrittlement. It also exhibits excellent electrical and mechanical characteristics which surpass those of other copper materials. Contact us for information on models which use special materials other than copper.



### ELECTROPLATING

Special products electroplated with materials other than tin are also available.

For superior corrosion resistance, JST's standard models are all galvanized (electroplated with tin) and treated with a special method developed by JST. This treatment method ensures maximum adhesion of the electroplating, further reduces electrical resistance and enhances corrosion resistance.

We also can electroplate with metals other than tin, such as silver and nickel. Contact us for information on products with special electroplating.



### BRAZING

High-strength brazing.

For most of our standard products, high-quality brazing is performed by fully automatic brazing machines.



### INSULATION

Vinyl and nylon insulation with excellent flame resistance and insulation properties.

Some important features of JST insulated terminals are their excellent resistance to heat, cold, oil, and fire, and their exceptional insulating performance.

Standard terminals are available with two types of insulation, special vinyl and special nylon, and many types are available in a variety of colors. Conventional vinyl or nylon would break or become deformed when subjected to the high pressure required for crimping and would not stand up under conditions of severe usage. The important difference with JST insulated terminals is that we use insulation materials which have superior strength and insulating performance.

JST insulated terminals are registered under standard UL486A, with temperature ratings of 75°C for vinyl-insulated terminals and 105°C for nylon-insulated terminals.

#### Caution:

Because nylon-insulated terminals have a greater water absorption rate than vinyl-insulated terminals, crimping performance may be reduced when these terminals are stored in places with high humidity or crimped during seasons with high temperatures or high humidity.