

NEW PRODUCT



WIRE TO BOARD

WPJ CONNECTOR

5.0mm Pitch

Compact, Water Resist and Durable.

This connector for electrical connection can be used on both water and non-water resistance conditions, depending on the usage.

Just by placing a rubber part will change it into a water resistant connector. Both conditions are using the same header.



DISCONNECT

FEATURES

Water Proof Performance

Water-proof grade:IP:X7. More than grade 7 ingress protection of JIS C 0920.

Control Key System

There are 3 different configuration pattern for mis-insertion preventive measure. Mis-insertion of headers using the same number of circuits would be reduced.

Contact Formation

The contacts are structurally designed and made durable to withstand unintentional & irregular insertion method that could damage to the contact point.

Inter-Locking System

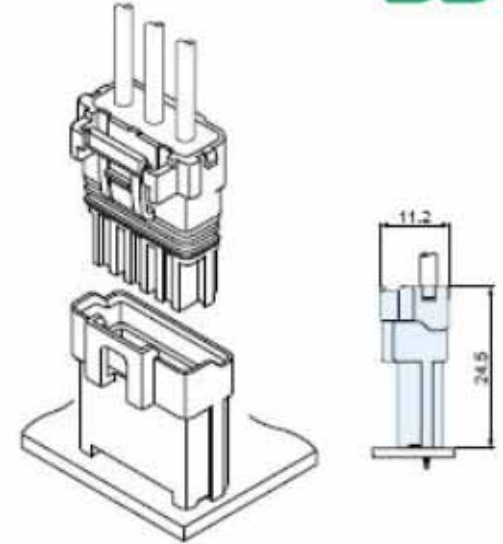
Strong inter-locking system which will maintain connectivity and will not be affected by external forces. For example, wires from other housing, etc..

Compact Design

As a wire to board water resistance, power connector, the design is considered to be very compact.

PART NUMBERS

- Receptacle Contact : SWPJR-21T-M0.5
- Shrouded Header : B()B-WPJ()S-()(LF)(SN)
- Receptacle Housing (Non-Water Resistance) : WPJR-()V-()-()
- Receptacle Housing Assembly (Water Resistance) : ()R-WPJV-()-()MM



GENERAL SPECIFICATION

- Current Rating: 7.0A AC/DC (When using AWG#18 wire)
- Voltage Rating: 300V AC/DC
- Temperature Range: -25° C~+85° C (Including temperature rise in applying electrical current.)
- Contact Resistance: Initial/ Signal Max.10mΩ / After Environmental Testing/ Signal Max.20mΩ
- Insulation Resistance: Min 1,000MΩ
- Dielectric Voltage: AC 1,500V / 1 Min
- Applicable wire: AWG#22~#18
- Insulation O.D.:(2.4~2.8mm)
- Water-proof grade:IP:X7.
- More than grade 7 ingress protection of JIS C 0920
- No. of circuits: 2 & 3 pin
- Entry type: Top

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<http://www.jst-mfg.com>