

# NEW PRODUCT

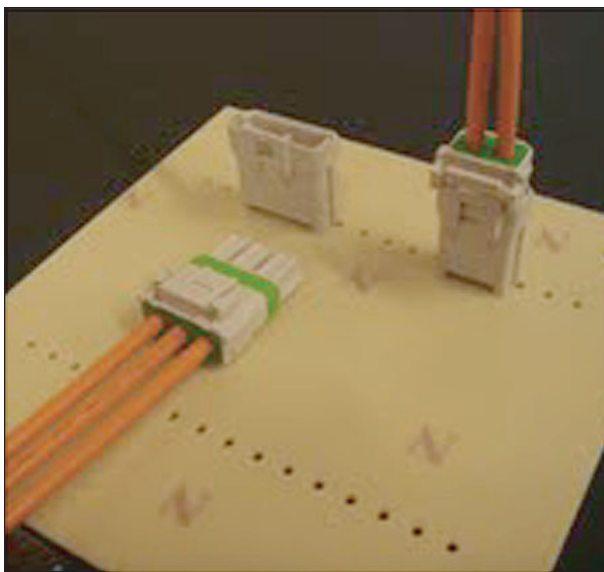
For Wire to Board

## WPJ CONNECTOR

Glow-wire countermeasure product

5.0mm Pitch

This is a glow-wire countermeasure type product developed by altering the WPJ connector which is a connector for power supply furnished with waterproof and non-waterproof performance. By placing the rubber parts to the normal receptacle assembly, it can be changed into a water resistant connector and the header is used both as waterproof and non-waterproof.



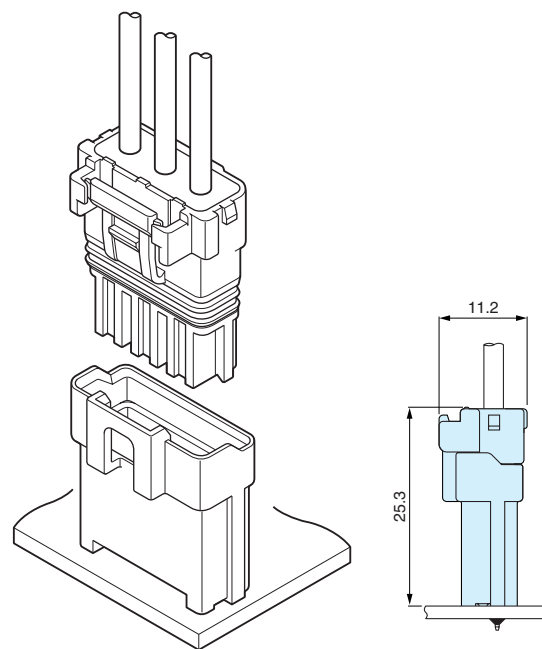
### ■ Features

#### ● Waterproof grade

Waterproof grade is equivalent to 7 ingress protection of JIS C 0920 (IPX7 of IEC 60529).

#### ● Glow-wire countermeasure

By changing the resin material of housing, this connector is conformed to the glow-wire Standard of IEC-60335-1.



### ■ Specifications

- Current rating : 7A AC, DC (AWG#18)
- Voltage rating : 300V AC,DC
- Temperature range : - 25°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance : Initial value/ 10mΩ max.  
After environmental tests/ 20mΩ max.
- Insulation resistance : 1,000MΩ min.
- Withstanding voltage : 1,500V AC/minute
- Applicable wire : Conductor size / AWG #22 to AWG #18  
Insulation O.D. / 2.32 to 2.83 mm  
1.52 to 2.03 mm
- Waterproof grade : Grade 7 of ingress protection of JIS C 0920 (IPX7 of IEC 60529) (Watertight equipment)
- Applicable PCB thickness : t=1.6 mm
- No. of circuits : 2 & 3-circuit
- Part number : Waterproof type  
Contact / SWPJR-21T-M0.5  
Receptacle housing assembly  
/(\*1)R-WPJV-(\*2)-SMM-W (NN)  
Header / B(\*1)B-WPJSS-(\*2)-W (LF)(SN)
- Direction of entry : Top entry

Note: Number of circuits in one or two digit figure is in (\*1).  
Polarizing key pattern code as "1", "2", and "3" is in (\*2).

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