This JWPF connector can be used for the place of which especially waterproof is required.
This is the wire-to-board connector that is grade 7 ingress protection of JIS C 0920 (IPX7 of IEC 60529).

• Waterproof performance
• Contained seal ring
• Solid rubber seal
• Double-spring construction
• Housing-to-terminal locks
• Inner housing lock
• Header for use specifically with resin coated ("potted") PC board

Specifications

• Current rating: 3 A AC, DC (AWG #22)
• Voltage rating: 100 V AC, DC
• Temperature range: -55˚C to +85˚C (including temperature rise in applying electrical current)
• Contact resistance: Initial value/ 10 mΩ max.
  After environmental tests/ 15 mΩ max.
• Insulation resistance: 1,000 MΩ min.
• Withstanding voltage: 1,000 VAC/minute
• Applicable wire: AWG #26 to #22
  0.13 to 0.33 mm²
  Insulation O.D./ 1.4 to 1.7 mm
• Waterproof grade: Grade 7 ingress protection of JIS C 0920
  (IPX7 of IEC 60529 )

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.
* Compliant with RoHS.

Standards

Recognized E60389
R50326661

PC board layout and Assembly layout

Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
3. Hole dimension differ according to the type of PC board and piercing method. If PC boards made of hard material are used, the hole dimensions should be larger. The dimensions above should serve as a guideline. Contact JST for details.
JWPF CONNECTOR

Contact

![Contact Diagram]

Note: Housing comes with seal rubber plate.

Material and Finish
Copper alloy, tin-plated (reflow treatment)

RoHS compliance

Material
PBT, UL94V-0, natural (white)

RoHS compliance

Housing

![Housing Diagrams]

<table>
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<th>Q’ty/bag</th>
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<td>08R-JWPF-VSLE-D</td>
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Note: Housing comes with seal rubber plate.
**Shrouded header**

### Circuits Model No. Q'ty/box

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### Material and Finish
- Press pin: Copper alloy, tin-plated (reflow treatment)
- Seal ring: Silicon rubber
- Seal ring holder: PBT, UL94V-0, yellow
- Wafer: Glass-filled PBT, UL94V-0, natural (white)

**RoHS compliance** This product displays (LF)(SN) on a label.