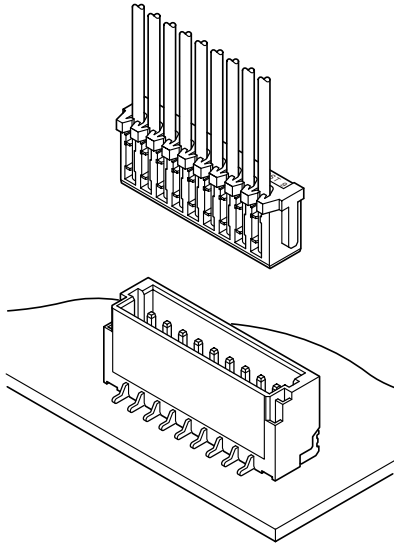


SR/SZ CONNECTOR



1.0mm pitch/Disconnectable Insulation displacement connectors



- **Compact insulation displacement connector**
- **Header designed for vacuum pick and place robotics**
- **Twin U-slot insulation displacement section**
- **3-point grip construction**
- **Through-hole type (SZ)**

Specifications

- Current rating: 0.7A DC
- Voltage rating: 50V DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/20m Ω max.
After environmental testing/40m Ω max.
- Insulation resistance: 100M Ω min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: Conductor size/AWG #30
Conductor/7 strands,
tin-coated annealed copper
Insulation O.D./0.54 to 0.58mm

* Compliant with RoHS.

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

Standards

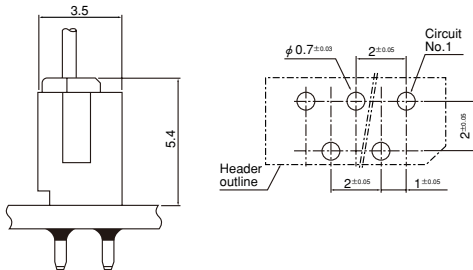
Recognized E60389

Certified LR20812

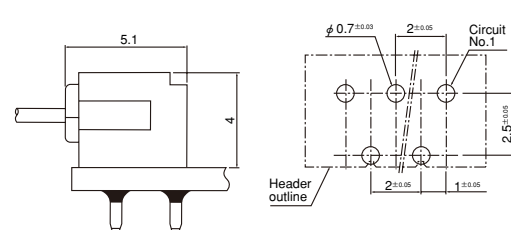
PC board layout (viewed from component side) and Assembly layout

<Through-hole type>

Top entry type

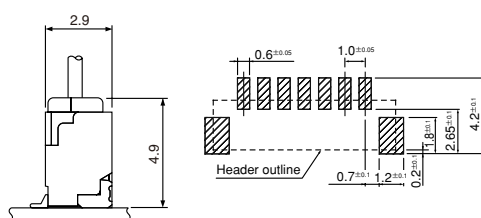


Side entry type

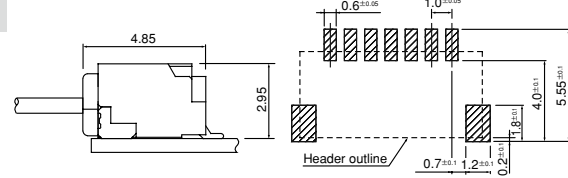


<SMT type>

Top entry type



Side entry type



Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.

2. Dimensions above should serve as a guideline. Contact JST for details.

3. Hole dimensions differ according to the kind of PC board and piercing method.

4. If using double-sided through-hole PC board, it is necessary to confirm the resistance to the soldering heat on the PC board to be used and the soldering condition. Single sided paper based phenolic resin copper-clad PC board (t1.6) is recommended for a PCB used.