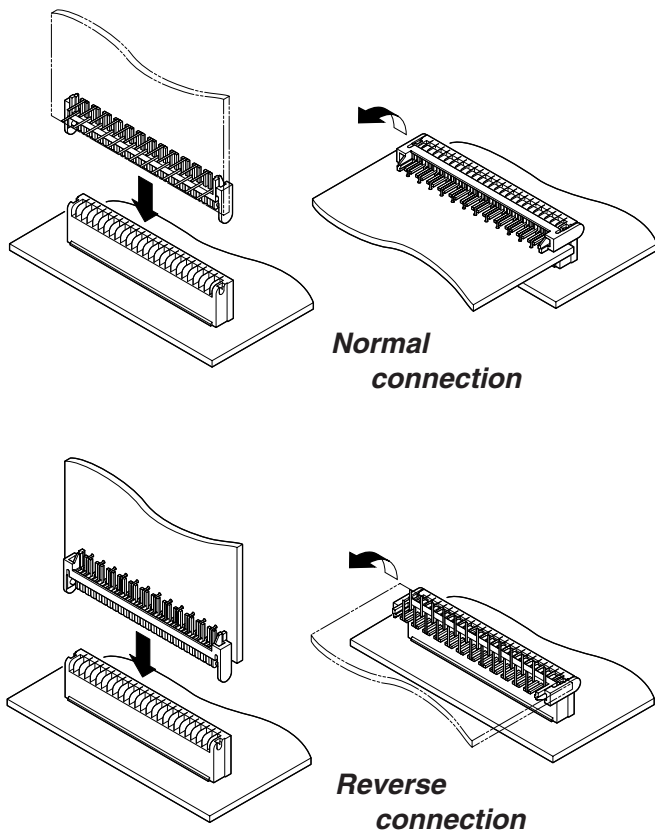


# HQF CONNECTOR

*Hinge type Board-to-board Connectors*



*Hinge type board to board connectors which allow mated PCB's to move 90° in respect to one another while electricity is turned on. The hinge compensates for slight misalignments between circuit boards to assure a secure connection even if the boards are laterally out of line.*



## Features

### • *Hinged connection*

With hinge construction, the HQF connector features flexibility. Thus this board to board connector allows mated PCB's to move 90° in respect to one another while electricity is turned on. Circuit checks can be made in any rotational position.

### • *Flexible connection absorbs slight misalignments between boards*

Securely connected even if the adjoining boards are laterally out of line.

## Specifications

- Current rating: 1.0 A AC, DC
- Voltage rating: 100 V AC, DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 40 mΩ max.  
After environmental tests/ 80 mΩ max.
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable PC board thickness: 1.6 mm

\* 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

Certified LR20812

