Features

• **Locking device**
  The housing has a locking device to securely hold the header, preventing accidental disconnection because of external forces that might result from the routing of wires during assembly process or of vibration.

• **Reliable contacts**
  The box contact supplies stable contact performance even under conditions of vibration, distortion, low voltage or low current.

• **Low insertion force**
  Header pins are reflow-treated, which provides low insertion force.

• **Insertion guide mechanism**
  Header has housing insertion guides for easy and secure insertion.

• **Flanged press pin**
  Top entry type header has flanged press pins, preventing accidental removal of the pins that might result from the distorted unmating especially in the case of small no. of circuits.

• **Polarizing boss**
  Top entry type headers with polarizing bosses are also available.

Specifications

• Current rating: 3A AC, DC (AWG#22)
• Voltage rating: 250V AC, DC
• Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
• Relative humidity: 0 to 80%
• Contact resistance: Initial value/10m Ω max. After environmental testing/20m Ω max.
• Insulation resistance: 1,000M Ω min.
• Withstanding voltage: 800V AC/minute
• Applicable wire: AWG #28 to #22
• Applicable PC board thickness: 1.6mm (.063")
• Contact JST for details.