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.
NOTE
1. Unless otherwise specified, tolerances are ±0.5." ±0.3.

2. No. 1 circuit:
   a. Part No., without boss: B(B-P-PAK-()K (LF) (SN)
   b. Part No., with boss: B(B-P-PAK-()K (LF) (SN)

Color | Part No.
------|---------
Natural White | B(B-P-PAK-()K (LF) (SN)
Black | B(B-P-PAK-()K (LF) (SN)
Blue | B(B-P-PAK-K-()K (LF) (SN)
Green | B(B-P-PAK-()K (LF) (SN)
Orange | B(B-P-PAK-()K (LF) (SN)
Lemon yellow | B(B-P-PAK-()K (LF) (SN)
Tomato red | B(B-P-PAK-()K (LF) (SN)
Red | B(B-P-PAK-()K (LF) (SN)