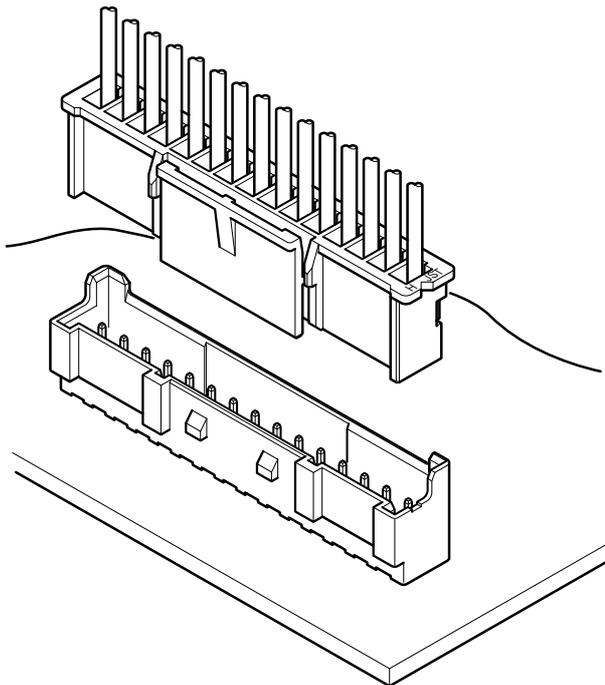


**JST**

Crimp

**2.0mm**  
(.079") pitch

# PA CONNECTOR

*Disconnectable Crimp style connectors*

## 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**

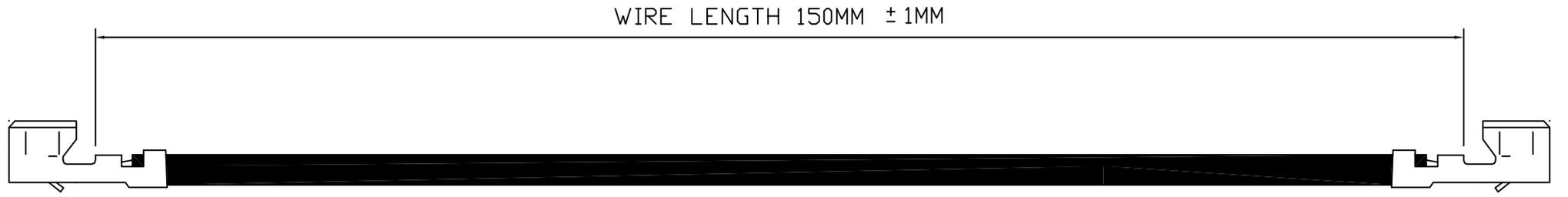
Top entry type headers with polarizing bosses are also available.

## 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.

J.S.T.(U.K.)LTD.

DWG: JUKMH-259-01-00



WIRE LENGTH 150MM ± 1MM

SPHD-001T-P0.5

SPHD-001T-P0.5

DESCRIPTION	PART NUMBER	QTY
CONTACT	SPHD-001T-P0.5	2
BLUE WIRE	UL1007, 24AWG	0.150M

ISSUE	PART NUMBER	DATE	07/04/05	JUK PART NUMBER	DRAWN	ISSUED	PART No.
				SPHD1-SPHD1-24150	MWS		
					CHECKED		
					PDS		