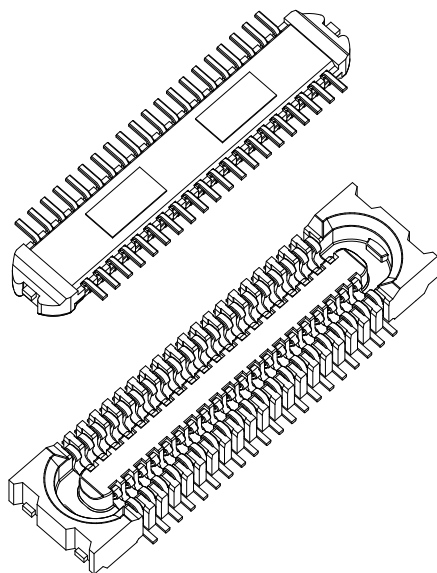




JKGN CONNECTOR

0.35 mm pitch / Board-to-board connectors



This connector is 0.35 mm pitch board-to-board (FPC) connection connector with mounting height 1.0 mm, product width 2.88 mm.

■ Features

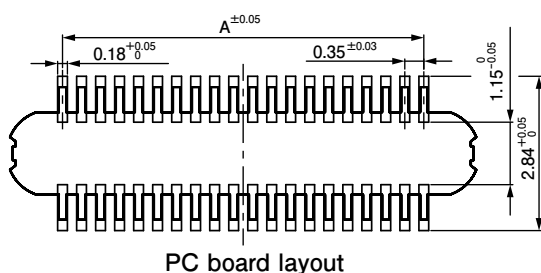
- Contact lock mechanism for secure high retention force
- 2-point contact provides high reliability
- Secure wiring space at the bottom of the contact (No pattern prohibited area)
- Applicable for 0.5 A / pin
- Clear click feeling when mating

■ Specifications

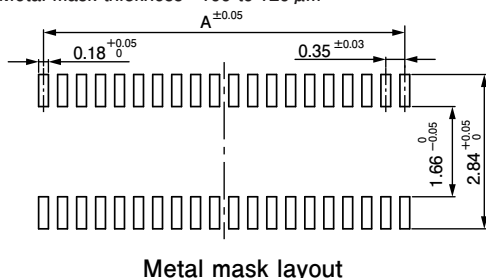
- Current rating: 0.5 A AC/DC
- Voltage rating: 30 V AC/DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 50 mΩ max.
After environmental tests/ 80 mΩ max.
- Insulation resistance: 10 MΩ min.
- Withstanding voltage: 100 VAC/minute
- * In using the products, refer to "Handling Precaution for Terminates and Connectors" described on our website (Technical documents of Product information page).
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

PC board layout

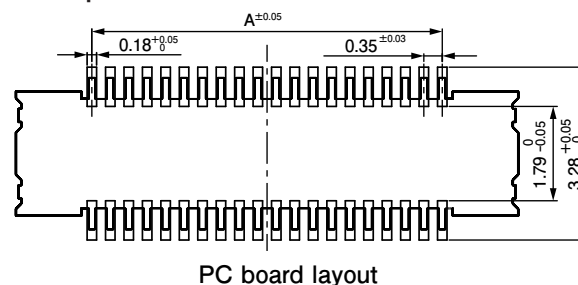
Plug



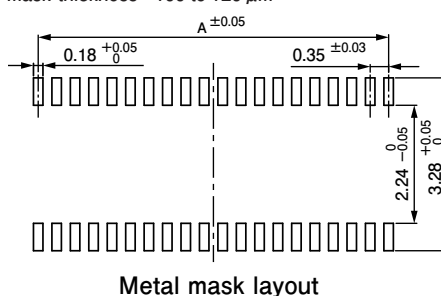
● Metal mask thickness 100 to 120 μm



Receptacle



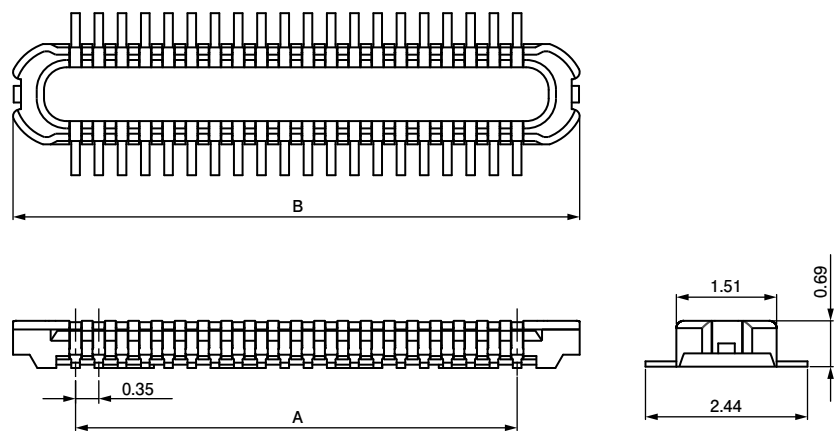
● Metal mask thickness 100 to 120 μm



- Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.03 mm for all centers.
Please contact JST for details as the dimensions shown in the above figure are reference values.
3. Contact JST for nitrogen (N2) reflow soldering.

JKGN CONNECTOR

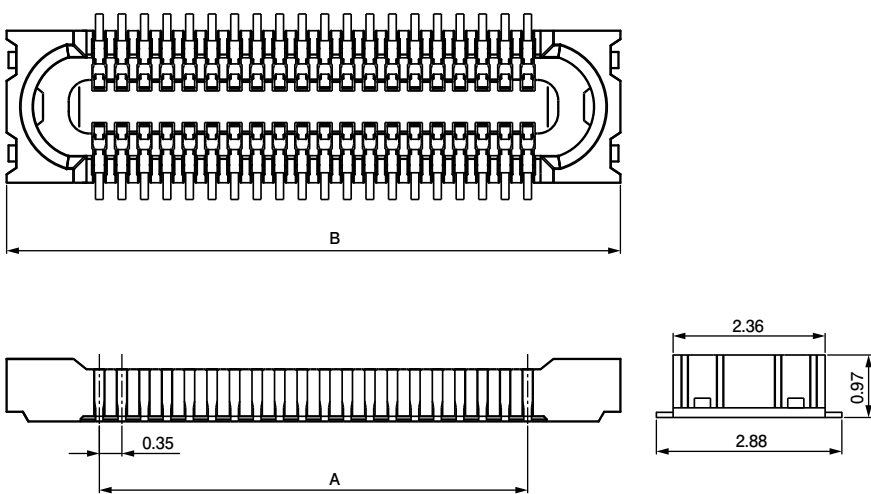
Plug



No. of circuits	Model No.	Dimensions (mm)		Q'ty/reel	Material and Finish
		A	B		
40	40P-JKGNK-GAN-ETF(HF)	6.65	8.53	9,000	Contact: Copper alloy, nickel-undercoated, gold-plated Housing: LCP, UL94V-0 Other: Brass
90	90P-JKGNK-GAN-ETF(HF)	15.4	17.28	9,000	

RoHS2 compliance
Note: The products listed above are supplied on embossed-tape.

Receptacle



No. of circuits	Model No.	Dimensions (mm)		Q'ty/reel	Material and Finish
		A	B		
40	40R1.0-JKGNK-GAN-ETF(HF)	6.65	9.53	7,400	Contact: Copper alloy, nickel-undercoated, gold-plated Housing: LCP, UL94V-0 Other: Brass
90	90R1.0-JKGNK-GAN-ETF(HF)	15.4	18.28	7,400	

RoHS2 compliance
Note: The products listed above are supplied on embossed-tape.