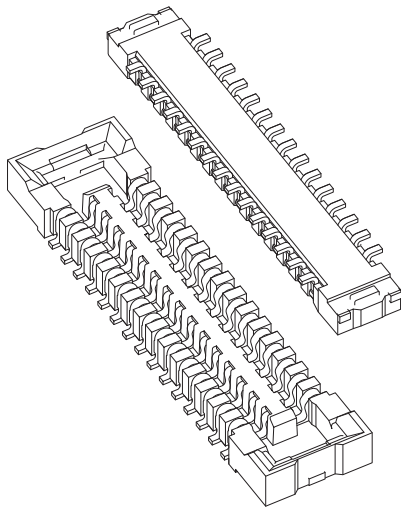


JAK CONNECTOR

0.4mm pitch/Board-to-Board Connectors



This is space saving type board-to-board connector with 0.4mm pitch, 0.8mm between PC boards and 2.0mm product width. 1.0mm Between PC boards is available by using dedicated receptacle.

- Contact lock structure
- Two points contact structure
- Wiping contact structure
- No prohibition area

Specifications

- Current rating: 0.3 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: 100 MΩ min.
- Withstanding voltage: 250 VAC/minute

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

* Compliant with RoHS.

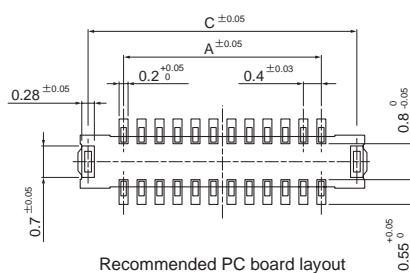
Standards

Ⓜ Recognized E60389

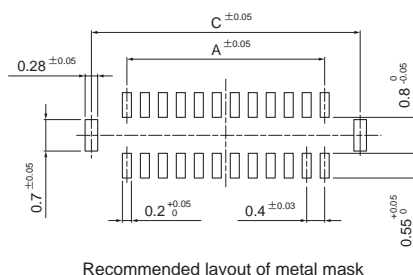
Ⓢ Certified LR20812

PC board layout and Assembly layout

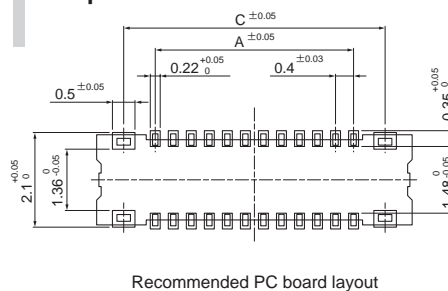
Plug



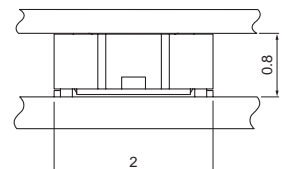
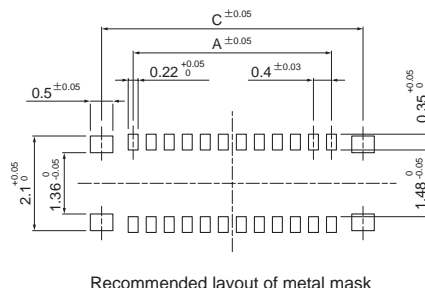
- Metal mask thickness : 100 μm



Receptacle



- Metal mask thickness : 100 μm

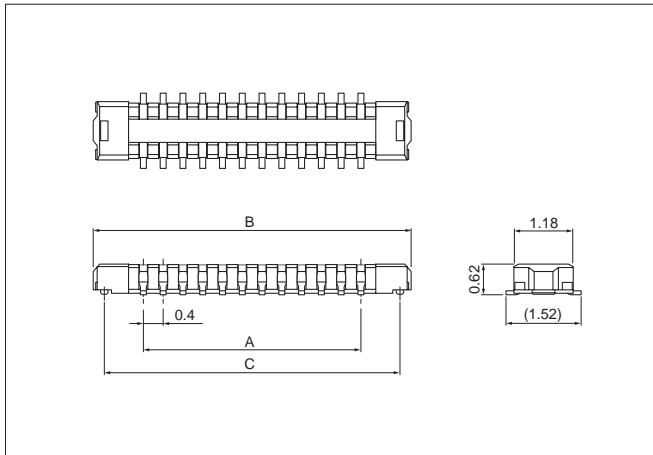


Note: 1. The above figure is the figure viewed from the connector mounting side.

2. Tolerances are non-cumulative: ±0.03 mm for all centers. The dimensions above should serve as a guideline. Contact JST for details.

3. Contact JST for nitrogen (N₂) reflow soldering.

Plug



Circuits	Model No.	Dimensions (mm)			Q'ty/ reel
		A	B	C	
10	10P-JAKK-GSAN-TF(HF)	1.6	3.63	3.18	15,000
16	16P-JAKK-GSAN-TF(HF)	2.8	4.83	4.38	15,000
24	24P-JAKK-GSAN-TF(HF)	4.4	6.43	5.98	15,000
30	30P-JAKK-GSAN-TF(HF)	5.6	7.63	7.18	15,000
40	40P-JAKK-GSAN-TF(HF)	7.6	9.63	9.18	15,000

Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated (nickel stripe)

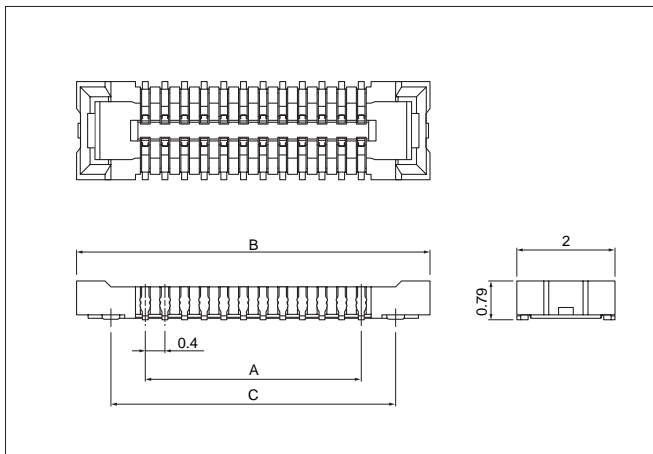
Housing: LCP, UL94V-0

Reinforcing tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance

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

Receptacle



Circuits	Model No.	Dimensions (mm)			Q'ty/ reel
		A	B	C	
10	10R-JAKK-GSAN-TF(HF)	1.6	4.4	3.0	15,000
16	16R-JAKK-GSAN-TF(HF)	2.8	5.6	4.2	15,000
24	24R-JAKK-GSAN-TF(HF)	4.4	7.2	5.8	15,000
30	30R-JAKK-GSAN-TF(HF)	5.6	8.4	7.0	15,000
40	40R-JAKK-GSAN-TF(HF)	7.6	10.4	9.0	15,000

Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated (nickel stripe)

Housing: LCP, UL94V-0

Reinforcing tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance

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