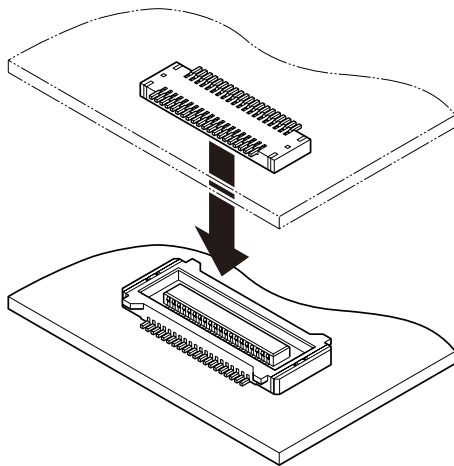
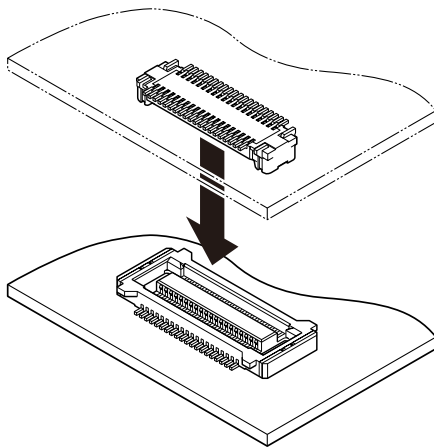


# JAV CONNECTOR

**0.4mm pitch/Board-to-board connectors**



With mating guide



**0.4mm pitch, SMT, low profile connector with parallel connection.**

- **Fine pitch and extremely low profile**
- **Contact lock construction**
- **Flat surface**
- **Concentration contact structure with wiping action**
- **Mating connector inside box shaped plug and receptacle**
- **Solder going-up prevention**

## JAV connector with mating guide

- **Mating guide structure**

## Specifications

- Current rating: 0.3A AC, DC
- Voltage rating: 30V AC, DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/70m Ω max.  
After environmental testing/140m Ω max.
- Insulation resistance: 50M Ω min.
- Withstanding voltage: 100V AC/minute
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

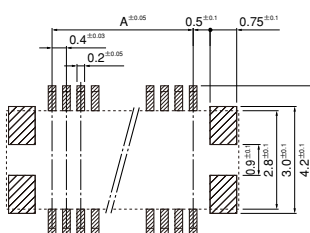
## Standards

Ⓜ Recognized E60389

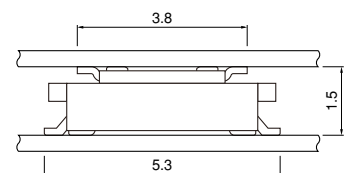
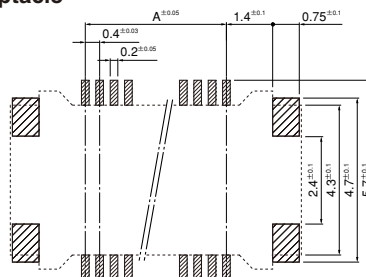
Ⓢ Certified LR20812

## PC board layout (viewed from component side) and Assembly layout

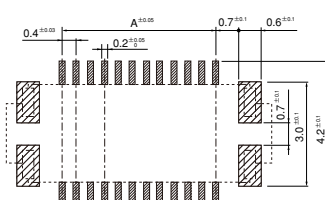
Plug



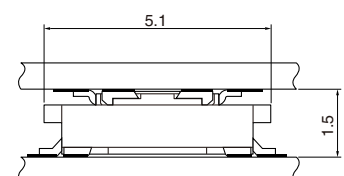
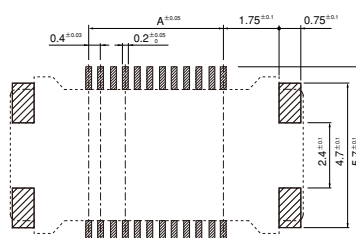
Receptacle



Plug/with mating guide



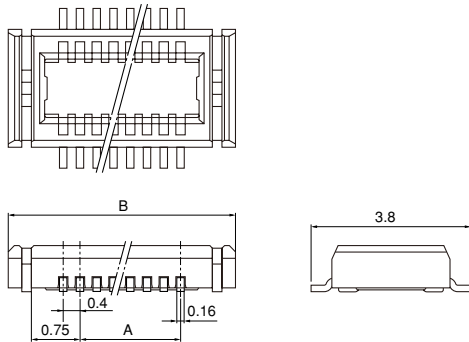
Receptacle/with mating guide



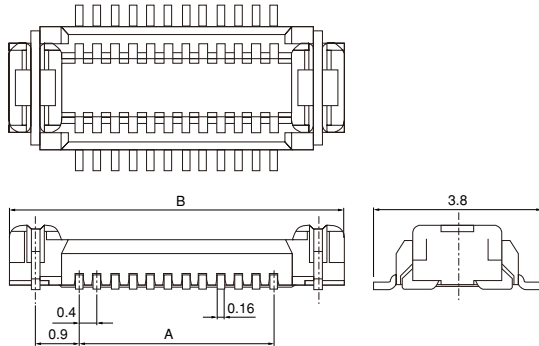
Note: 1. Tolerances are non-cumulative: ±0.03mm for all centers.  
 2. The dimensions above should serve as a guideline. Contact JST for details.

# JAV CONNECTOR

## Plug



### With mating guide



Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
*20	<b>20PA-JAVK-GSAN-TF</b>	3.6	6.2	3,500
22	<b>22PA-JAVK-GSAN-TF</b>	4.0	6.6	3,500
26	<b>26PA-JAVK-GSAN-TF</b>	4.8	7.4	3,500
30	<b>30PA-JAVK-GSAN-TF</b>	5.6	8.2	3,500
40	<b>40PA-JAVK-GSAN-TF</b>	7.6	10.2	3,500
*70	<b>70PA-JAVK-GSAN-TF</b>	13.6	16.2	3,500

### Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated (nickel-stripe)  
Housing: LCP, UL94V-0  
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)(SN) on a label.

Note: 1. The products listed above are supplied on embossed-tape.

2. \*Marked products are not CSA approved.

### With mating guide

Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
24	<b>24PA-JAVK-GSAN-1-TF</b>	4.4	7.6	3,000

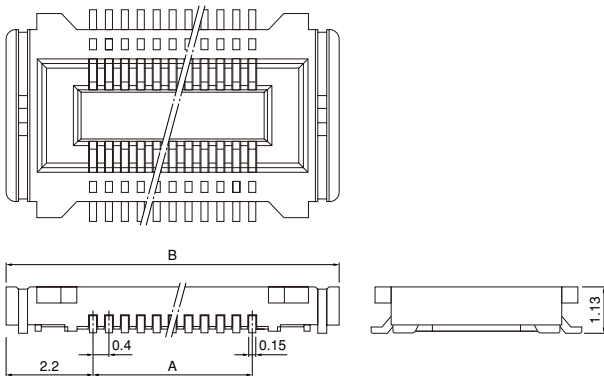
### Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated (nickel-stripe)  
Housing: LCP, UL94V-0  
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

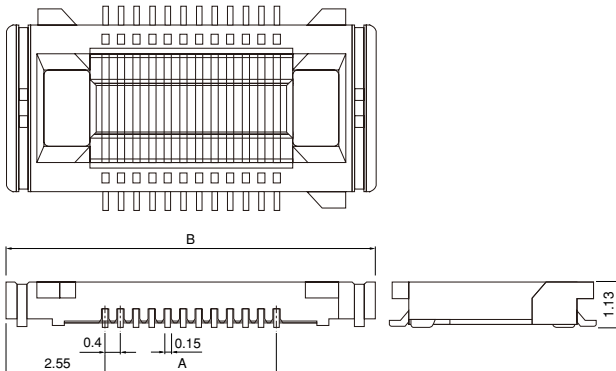
**RoHS compliance** This product displays (LF)(SN) on a label.

Note: The product listed above is supplied on embossed-tape.

## Receptacle



### With mating guide



Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
*20	<b>20R-JAVK-GSAN-TF</b>	3.6	8.0	3,500
22	<b>22R-JAVK-GSAN-TF</b>	4.0	8.4	3,500
26	<b>26R-JAVK-GSAN-TF</b>	4.8	9.2	3,500
30	<b>30R-JAVK-GSAN-TF</b>	5.6	10.0	3,500
40	<b>40R-JAVK-GSAN-TF</b>	7.6	12.0	3,500
*70	<b>70R-JAVK-GSAN-TF</b>	13.6	18.0	3,500

### Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated (nickel-stripe)  
Housing: LCP, UL94V-0  
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)(SN) on a label.

Note: 1. The products listed above are supplied on embossed-tape.

2. \*Marked products are not CSA approved.

### With mating guide

Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
24	<b>24R-JAVK-GSAN-1-TF</b>	4.4	9.5	3,500

### Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated (nickel-stripe)  
Housing: LCP, UL94V-0  
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)(SN) on a label.

Note: The product listed above is supplied on embossed-tape.