

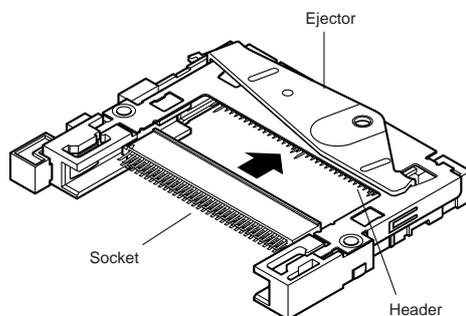
# SMALL PC CARD CONNECTOR MB TYPE



68-circuit Small PC card connector



**1.0 mm pitch 68-circuit dual-row connector for small PC card, conforming to PCMCIA/JEIDA standard.**



## Features

### • Socket

Socket is of straddle-type, designed to accommodate PC board between the two solder tail rows.

### • Header

Header is with standoff 0 mm, available in both normal and reverse types.

### • Ejector

Ejector is, with the left button, to be assembled (with screws) after header is mounted. The frame has the contact point for the grounding clip on the small PC card.

<Card frame (for types I & II cards)>

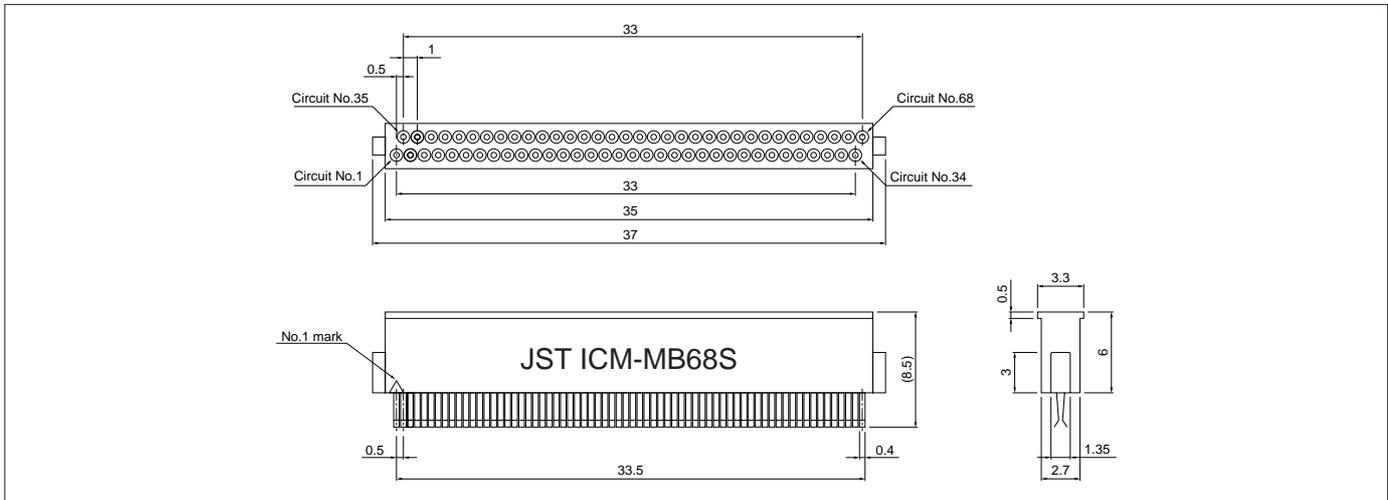
## Specifications

- Current rating: 0.5 A AC, DC/line
- Temperature range: -40°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 40 mΩ max.  
After environmental tests/ 20 mΩ max.  
(variation from initial value)
- Withstanding voltage: 500 VAC/minute
- Insulation resistance: 1,000 MΩ min. (Initial)
- Durability: 10,000 cycles

- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.
- \* Compliant with RoHS.

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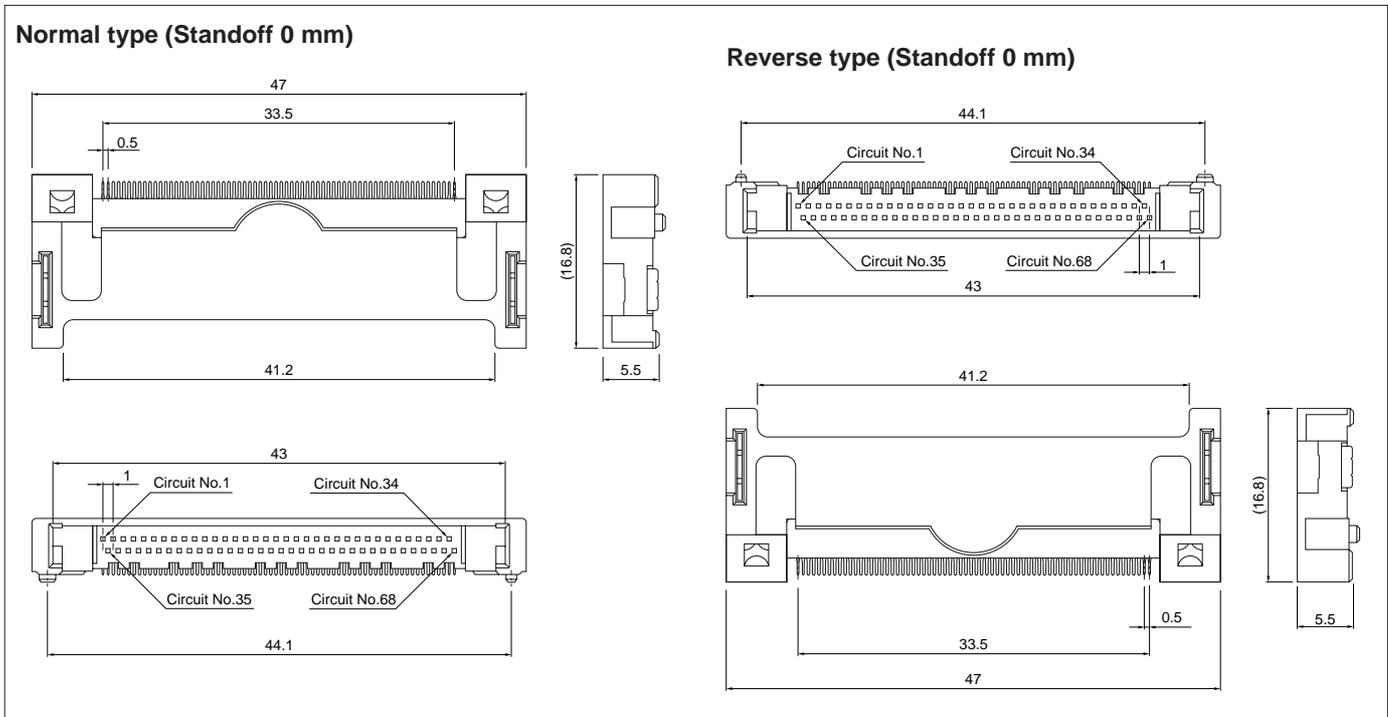
## Socket



Circuits	Model No.	Q'ty/box	Material and Finish
68	<b>ICM-MB68S-TS13-5000A</b>	600	Contact: Beryllium copper, Mating part: gold-plated Solder tail: tin-plated (reflow treatment) Housing: PA 6T, UL94V-0

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

## Header



Circuits	Type	Model No.	Q'ty/box	Material and Finish
68	Normal	<b>ICM-MB68H-S153-400N</b>	168	Contact: Phosphor bronze, nickel-undercoated, Mating part: gold-plated Solder tail: tin-plated (reflow treatment)
	Reverse	<b>ICM-MB68H-S153-400R</b>		Contact: Phosphor bronze, nickel-undercoated, Mating part: gold-plated Solder tail: tin-plated (reflow treatment) Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

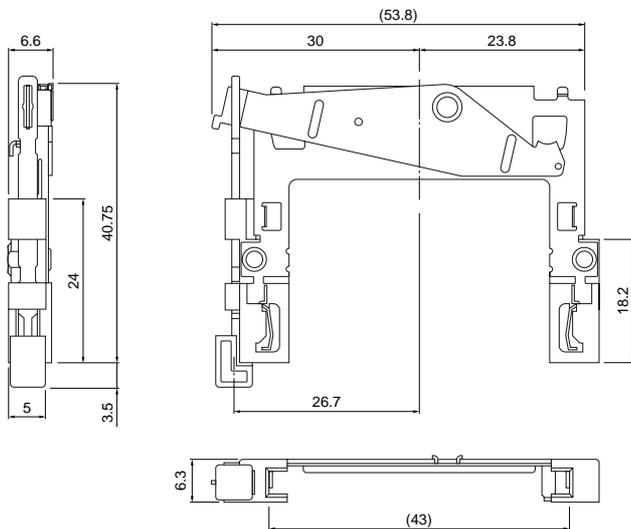
Dimension L	
Circuit No.	Dimensions (mm)
1, 17, 34, 35, 51, 68	5.0 ±0.1
2 to 16, 18 to 33, 37 to 50, 52 to 66	4.25 ±0.1
36, 37	3.5 ±0.1

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## Ejector

### Left Button

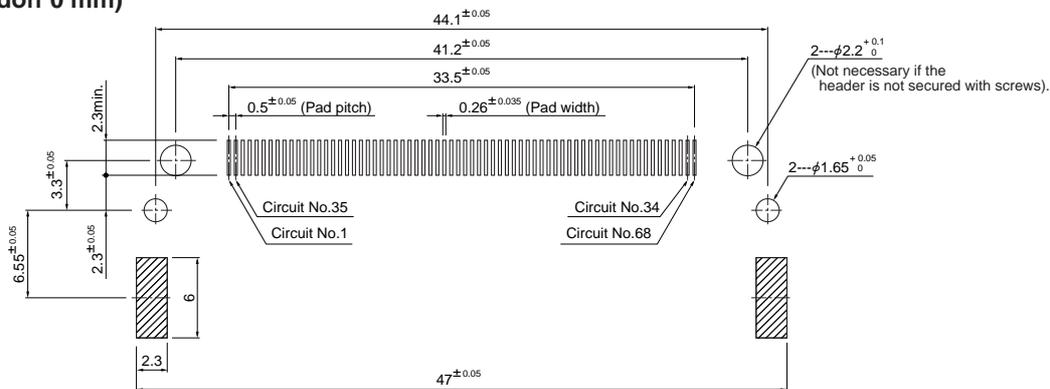


Circuits	Model No.	Q'ty/box	Material
Left button	ICM-MBE-L-300HA	70	Frame, Rotating arm, Push bar: Stainless Guide bar, Push button: Glass filled PBT, UL94V-0 Eyelet with nut: Brass, nickel-plated.

RoHS compliance

## PC board layout (viewed from component side)

### Normal type (Standoff 0 mm)



### Reverse type (Standoff 0 mm)

