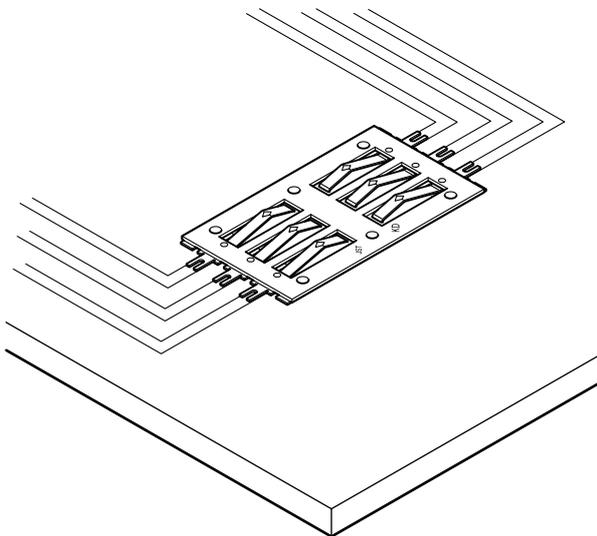


2.54mm  
pitch

**The world first 0.4mm thick low-profile connector for the SIM card which is used for the identification of the user in the GSM method mobile phones - the European unified standard for the digital phones.**



## Features

### • Thin

The SCG connector, with only 0.4mm of thickness and 0.19g of weight, helps to make small and light mobile phones.

### • Positioning bosses

**The SCG connector is applicable to the SIM card insertion methods in two ways, downward or sideward (slot-in method)**

### • Embossed tape for automatic mounting

The SCG connector can be packaged in embossed tape for automatic mounting.

**Contact leads are designed to be securely held on the PC board, resistant to the peeling force**

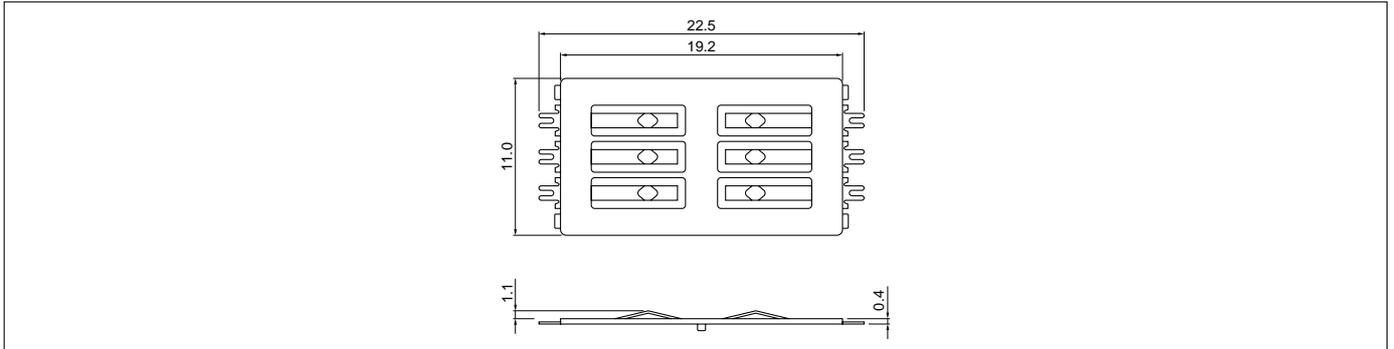
### Application <where to use this connector>

The SCG connector is to be mounted under the battery pack. The thickness of the connector there greatly affects the mobile phone thickness. With the SCG connector, the height in total can be only about 1.6mm, while the conventional connector with the cover is about 2.5mm.

## Specifications

- Current rating: 1.0A 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/40m Ω max.  
After environmental testing/60m Ω max.
- Insulation resistance: 10,000M Ω min.
- Withstanding voltage: 500V AC/minute
- \* RoHS compliant products are published.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

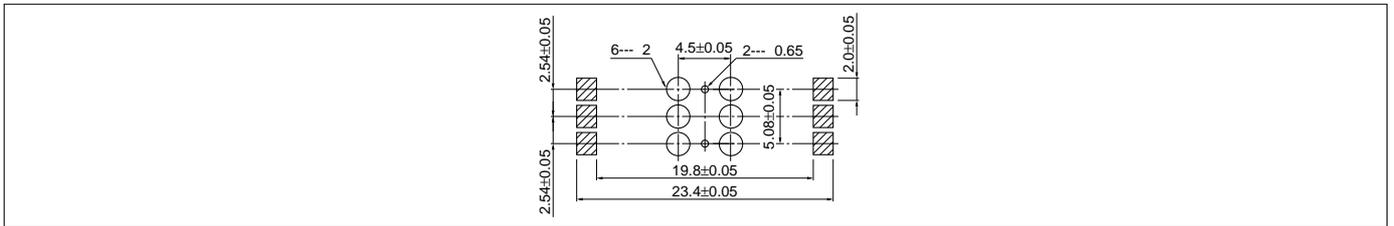
## Connector



Model No.	Material and Finish	Qty / reel
SCG-SS6A-1406-TB	Contact: Beryllium copper, gold-plated Housing: LCP, UL94V-0, black	1,500

RoHS compliance

## PC board layout (viewed from component side)



Note: 1. Tolerances are non-cumulative:  $\pm 0.05\text{mm}$  for all centers.  
2. The dimensions above should serve as a guideline. Contact JST for details.