**6P SIM Card Connector**

## Features
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. Low profile of 0.9mm height when mounted.
3. Automatic mountable with a sucking space.

## Specification
1. Rating : 1A, 100V AC/DC
2. Contact Resistance : 60mΩ max.
3. Insulation Resistance : 1000MΩ min. at 500V DC
4. Withstanding Voltage : 500V AC (for one minute)
5. Operating Temperature Range : −25˚C to +70˚C
6. Operating Life : 5,000 cycles

## Material and Plating
- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy, Au Plating (Contact Section), Au Flash Plating (Terminal Section)

## P. C. Board Dimension

(Part Mounting Side)
### Features
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. Low profile of 1.55mm height when mounted.
3. A push/pull system is used for card insertion/withdrawal.
4. Full hold structure of the shield cover ensures high contact reliability.
5. Stopper featured for card position determination.
6. Enhanced strength due to integral molding of the contacts and housing.
7. Automatic mountable with a sucking space.

### Specification
1. Rating : 1A, 12V AC/DC
2. Contact Resistance : 60mΩ max.
3. Insulation Resistance : 1000MΩ min. at 500V DC
4. Withstanding Voltage : 540V AC (for one minute)
5. Operating Temperature Range : −30°C to +80°C
6. Operating Life : 10,000 cycles

### Material and Plating
- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy, Au Plating
- Shield Cover : Stainless Steel, Sn Plating

### P. C. Board Dimension
Card Connectors

6P SIM Card Connector

■ Features
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. Low profile of 1.45mm height when mounted.
3. A push/pull system is used for card insertion/withdrawal.
4. Full hold structure of the shield cover ensures high contact reliability.
5. Stopper featured for card position determination.
6. Enhanced strength due to integral molding of the contacts and housing.
7. Automatic mountable with a sucking space.

■ Specification
1. Rating : 1A, 12V AC/DC
2. Contact Resistance : 60mΩ max.
3. Insulation Resistance : 1000MΩ min. at 100V DC
4. Withstanding Voltage : 540V AC (for one minute)
5. Operating Temperature Range : -30˚C to +80˚C
6. Operating Life : 10,000 cycles

■ Material and Plating
● Housing : Thermoplastic Resin, Black, 94V-0
● Contact : Cu Alloy, Au Plating
● Shield Cover : Stainless Steel, Selective Au Flash Plating

■ P. C. Board Dimension

This area can’t be printed circuit

(Part Mounting Side)
Card Connectors

6P SIM Card Connector

■ Features
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. Low profile and space-saving design with 1.3mm mounting height, 16.65mm width and 20.65mm depth.
3. A push/pull system is used for card insertion/withdrawal.
4. Full hold structure of the shield cover ensures high contact reliability.
5. The card detection switch contacts 2-point.
6. Enhanced strength due to integral molding of the contacts and housing.
7. Automatic mountable with a sucking space.

■ Specification
1. Rating : 0.7A, 5V DC
2. Contact Resistance : 70mΩ max.
3. Insulation Resistance : 100MΩ min. at 100V DC
4. Withstanding Voltage : 100V AC (for one minute)
5. Operating Temperature Range : –30˚C to +85˚C
6. Operating Life : 5,000 cycles

■ Material and Plating
● Housing : Thermoplastic Resin, Black, 94V-0
● Contact : Cu Alloy, Au Plating (Contact Section), Au Flash Plating (Terminal Section)
● Shield Cover : Stainless Steel, Selective Au Flash Plating

■ P.C. Board Dimension

CLE 1006-4301F
Card Connectors

6P SIM Card Connector

Features
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. Low profile and space-saving design with 1.4mm mounting height, 17.2mm width and 25.8mm depth.
3. A push(locked)/push(ejected) system is used for card insertion/withdrawal.
4. The card detection switch contacts 2-point.
5. 8-pin type are available.
6. Full hold structure of the shield cover ensures high contact reliability.
7. Enhanced strength due to integral molding of the contacts and housing.
8. Automatic mountable with a sucking space.

Specification
1. Rating : 1A, 12V AC/DC
2. Contact Resistance : 60mΩ max.
3. Insulation Resistance : 1000MΩ min. at 100V DC
4. Withstanding Voltage : 540V AC (for one minute)
5. Operating Temperature Range : -20°C to +65°C
6. Operating Life : 5,000 cycles

Material and Plating
- Housing : Thermoplastic Resin, Black, 94V-0
- Contact : Cu Alloy, Au Plating
- Shield Cover : Stainless Steel, Selective Au Plating

P. C. Board Dimension

This area can't be printed circuit

(Part Mounting Side)
Card Connectors

6P SIM Card Connector (Side Entry Type)

**Features**
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. A side entry system is used for card insertion/withdrawal.
3. A failsafe structure prevents contact buckling on slant insertion.
4. Low profile and space-saving design with 1.45mm mounting height, 26.5mm width and 14.1mm depth.
5. Full hold structure of the shield cover ensures high contact reliability.
6. Automatic mountable with a sucking space.

**Specification**
1. Rating: 0.5A, 5V AC/DC
2. Contact Resistance: 60mΩ max.
3. Insulation Resistance: 1000MΩ min. at 100V DC
4. Withstanding Voltage: 100V AC (for one minute)
5. Operating Temperature Range: −30˚C to +80˚C
6. Operating Life: 5,000 cycles

**Material and Plating**
- Housing: Thermoplastic Resin, Black, 94V-0
- Contact: Cu Alloy, Au Plating
- Shield Cover: Stainless Steel, Selective Au Plating

**P. C. Board Dimension**

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This area can’t be printed circuit

(Part Mounting Side)
Card Connectors

8P SIM Card Connector

■ Features
1. Conforms to GSM11.11 European standard for digital mobile phones.
2. Low profile and space-saving design with 1.3mm mounting height, 16.65mm width and 20.65mm depth.
3. A push-pull system is used for card insertion/withdrawal.
4. Two types are available with or without a card detection switch. (The switch is a normal closed type.)
5. Drop impact resistance is improved by the double contact structure of the signal terminal.
6. Full hold structure of the shield cover ensures high contact reliability.
7. Enhanced strength due to integral molding of the contacts and housing.
8. Automatic mountable with a sucking space.

■ Specification
1. Rating : 0.7A, 5V AC/DC
2. Contact Resistance : 70mΩ max.
3. Insulation Resistance : 100MΩ min. at 100V DC
4. Withstanding Voltage : 100V AC (for one minute)
5. Operating Temperature Range : -30°C to +85°C
6. Operating Life : 5,000 cycles

■ Material and Plating
● Housing : Thermoplastic Resin, Black, 94V-0
● Contact : Cu Alloy, Au Plating (Contact Section)
● Au Flash Plating (Terminal Section)
● Shield Cover : Stainless Steel, Selective Au Plating

■ P.C. Board Dimension

(CLE1008-4411F)