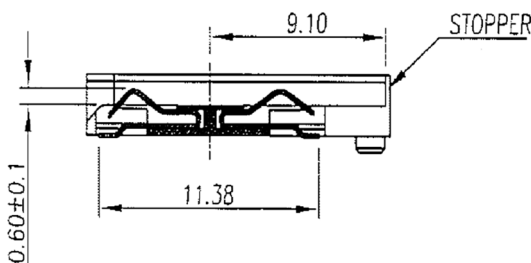
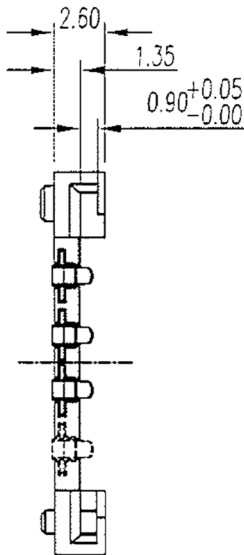


# Connector

## Mini SIM - 8 Pin



Dimensions : Millimetres

### Specifications:

|                     |                             |
|---------------------|-----------------------------|
| Connector Type      | : SIM Socket                |
| No. of Contacts     | : 8                         |
| Pitch Spacing       | : 2.54mm                    |
| Contact Plating     | : Gold                      |
| Contact Termination | : Surface Mount Right Angle |
| Row Pitch           | : 10mm                      |
| External Depth      | : 2.6mm                     |

### General Characteristics:

|                    |                                    |
|--------------------|------------------------------------|
| Dimensions         | : 15.7mm(L) × 16.4mm(W) × 2.6mm(H) |
| Weight             | : Approx. 0.45g ± 0.2g             |
| Contact Principle  | : Friction Technology              |
| Operating Position | : Shaft Up/Down/Horizontal         |
| Mounting System    | : SMT                              |
| Durability         | : 5,000 Cycles Min.                |

### Mechanical Characteristics:

|                     |                 |
|---------------------|-----------------|
| Insulation Material | : Thermoplastic |
|---------------------|-----------------|

### Electrical Characteristics

|                       |                            |
|-----------------------|----------------------------|
| Contact Resistance    | : 50MΩ typical, 100MΩ Max. |
| Insulation Resistance | : 1,000MΩ / 500V DC        |

### Solderability

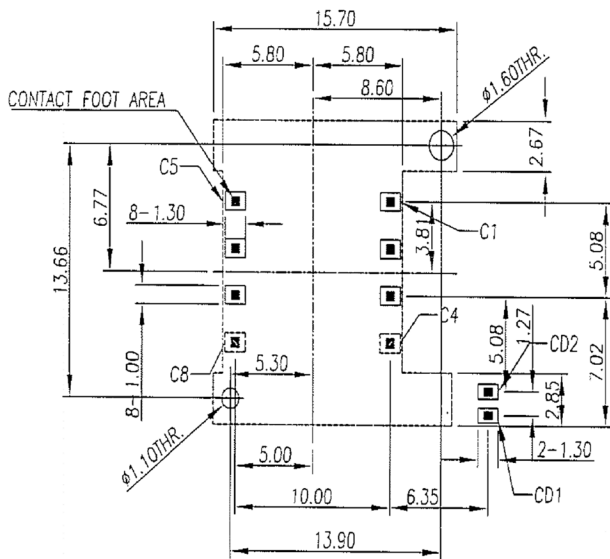
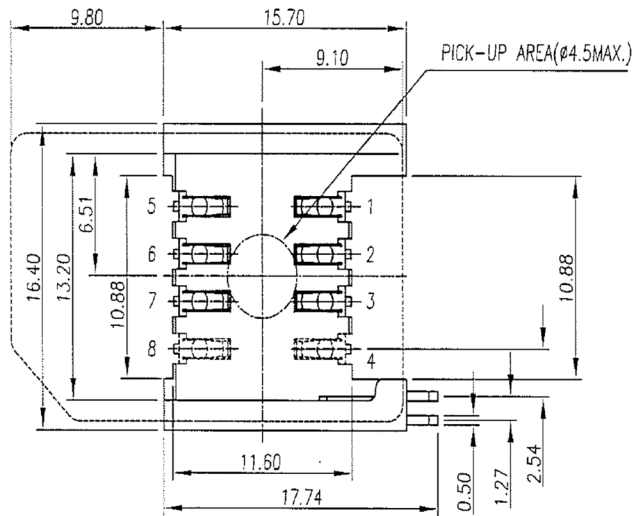
|                  |                       |
|------------------|-----------------------|
| Wave             | : Not applicable      |
| Vaporphase       | : 215°C, 30 Sec. Max. |
| IR reflow        | : 260°C, 10 Sec. Max. |
| Manual Soldering | : 360°C, 3 Sec. Max.  |

### Environmental Characteristics

|                       |                            |
|-----------------------|----------------------------|
| Operating Temperature | : -40°C to +85°C           |
| Operating Humidity    | : 10% to 95%RH             |
| Storage Temperature   | : -40°C to +85°C           |
| Storage Humidity      | : 10% to 95%RH             |
| Thermal Shock         | : -40°C to +85°C, 8 Cycles |
| Damp Heat             | : 40°C, 90%RH, 10 days     |
| Salt-mist             | : 35°C, 5%, NaCl, 24H      |

# Connector

## Mini SIM - 8 Pin



8 PIN P.C.B. LAYOUT (TOLERANCES:±0.10mm)

| Pin | Name |
|-----|------|
| C1  | Vcc  |
| C2  | RST  |
| C3  | CLK  |
| C4  |      |
| C5  | GND  |
| C6  | Vpp  |
| C7  | I/O  |
| C8  |      |
| CD1 | CD1  |
| CD2 | CD2  |

Dimensions : Millimetres

### Part Number Table

| Description                | Part Number       |
|----------------------------|-------------------|
| Connector, Mini SIM, 8 Pin | SIMMP-00801B000-G |

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