The standard SIM connector is specifically designed for handheld devices requiring secure subscriber identification. The connectors are available in a standard 6 pin configuration on a 2.54mm pitch with a 0.8mm height. Contacts are stamped, gold plated, rated at 0.5A, and 5000 mechanical cycles. Our contact design is specifically rounded to avoid any possible damage during and after card insertion to the card itself, assuming normal use. The design also incorporates protection features to avoid contact damage during this operation such as contact snagging.

Please contact the appropriate sales office for further details.

### APPLICATIONS
- Cellular Phones
- Radios

### FEATURES AND BENEFITS
- Produced for use with both full ISO cards and mini SIM cards.
- The insulator is molded from high temperature plastic enabling the connector to be used in convection or infrared soldering processes.
- Supplied on tape and reel packaging for pick and place assembly.
- RoHS Compliant.

### ELECTRICAL
- Current Rating: 0.5 Amp / Contact
- Voltage Rating: 50 VAC

### ENVIRONMENTAL
- Operating Temperature: -55°C to +80°C

### MECHANICAL
- Insulator Material: Glass Filled LCP
- Contact Material: Beryllium Copper
- Plating: Gold over Nickel
- Durability: 5,000 Cycles

### HOW TO ORDER

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Series</th>
<th>Number of Contacts</th>
<th>SIM Type</th>
<th>Connector Height</th>
<th>RoHS Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>9162</td>
<td>006</td>
<td>006 = SMT Low Profile SIM Pure Tin Contact</td>
<td>080 = 0.80mm</td>
<td></td>
</tr>
</tbody>
</table>

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SIM Block
9162-000

A KYOCERA GROUP COMPANY
SIM Block
9162-000

CONNECTOR HEIGHT 0.80MM

ALL CONTACT TAILS WITHIN
0.10mm COPLANARITY TOLERANCE

PCB PAD LAYOUT

PACKING DETAILS

REEL QTY 1300
LEADER 500MM
TRAILER 500MM
REELS/BOX 5
PACK QTY 6500

NOTES:
1. SALES DRAWING FOR SLIDE IN SIM READER.
2. FOR PRODUCT SPECIFICATION REFER TO ELCO SPEC. 201-01-084.
3. GENERAL TOLERANCE ±0.20 UNLESS OTHERWISE STATED.
4. INSULATOR MATERIAL: LCP, GLASS FILLED, COLOR BLACK.
5. CONTACT MATERIAL COPPER ALLOY: SIM CONTACTS NOSE PLATED WITH GOLD,
   SMT PADS PLATED WITH PURE TIN.