# Locking SIM

## 9162-300

For 9162 Slide-IN & 9162 SIM/microSD
- Accepts GSM Standard 11.11 cards
- Secure locking latch mechanism
- Robust, good resistance against shock and vibration
- SIM Installed Height – 1.50mm
- Polarized to eliminate improper insertion of the card

### APPLICATIONS
- Cellular Phones
- Radios

### FEATURES AND BENEFITS
- SMT with locking hinged guide
- 2.50mm connector height
- Selective gold on mating surface/tin on solder tails
- Tape and reel packaging

### ELECTRICAL
- Current Rating: 0.3 Amp / Contact
- Voltage Rating: 30 VAC

### ENVIRONMENTAL
- Operating Temperature: -55ºC to +125ºC

### MECHANICAL
- Insulator Material: High Temperature Plastic; UL94 V-O
- Contact Material: Copper Alloy
- Plating: Gold over Nickel
- Durability: 10,000 Cycles

### HOW TO ORDER

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Series</th>
<th>Number of Contacts</th>
<th>SIM Type</th>
<th>Contact Plating</th>
<th>SIM Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>9162</td>
<td>006</td>
<td>30</td>
<td>1</td>
<td>150</td>
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</tbody>
</table>

30 = SMT with Locking Hinge SIM Guide
1 = Selective Gold on Contact Surface and Tin on Solder Tails
150 = 1.50mm on SIM Card, 2.50mm on Connector
CONTACT FUNCTIONS (ISO78161):
1. SUPPLY VOLTAGE Vcc.
2. RESET
3. CLOCK
4. GROUND
5. PROGRAM VOLTAGE Vpp.
6. IO

NOTES:
1. SALES DRAWING FOR SIMLOCK SIM READER.
2. ALL DIMENSIONS ARE REFERENCE DIMENSIONS UNLESS TOLERANCED.
3. FOR PRODUCT SPECIFICATION REFER TO ELCO SPEC. 201-01-111.
4. PACKING IN TAPE AND REEL, 600 PIECES IN A 330MM REEL.
5. MATERIAL: COVER AND HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94 V-O, COLOR BLACK. CONTACT: COPPER ALLOY, GOLD PLATING IN CONTACT AREA, TIN PLATING ON SOLDER TAILS, NICKEL UNDERCOAT ON ALL SURFACES.