# SIM CARD CONNECTORS

Slide-In Low Profile SIM 9162-400





- Six position Slide-In SIM
- Low Profile 0.70mm to SIM base
- Side bracket to add solder security
- SIM guidance using the side walls

### **APPLICATIONS**

- Cellular Phones
- Radios

# FEATURES AND BENEFITS

- SMT Slide-In SIM
- Molded in high temperature LCP
- · 0.38µm Gold on contact surface and gold flash on contact tails
- 1.60mm connector height
- Tape & Reel packaging

## **ELECTRICAL**

- Current Rating: 0.3 Amp / Contact
- Voltage Rating: 15 VAC

ENVIRONMENTAL

#### Operating Temperature: -55°C to +70°C

## **MECHANICAL**

- Insulator Material: High Temperature Plastic; UL94 V-0
- Contact Material: Copper Alloy
- Plating: Gold over Nickel
- Durability: 10,000 Cycles

### **HOW TO ORDER**





Contact Plating 1 = 0.38µm Gold on Contact Surface and Gold Flash on Solder Tails. Underplated 1.27µm Nickel.



070 = 0.70mm on SIM Card 1.60mm on Connector

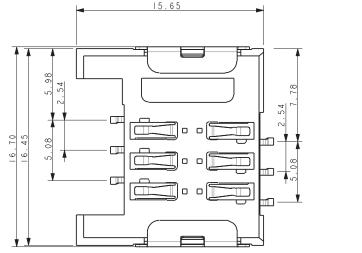
The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at www.avx.com/disclaimer/ by reference and should be reviewed in full before placing any order.

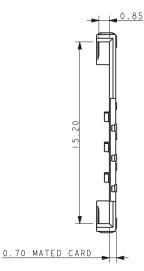
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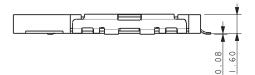
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### **CONNECTOR DETAILS**



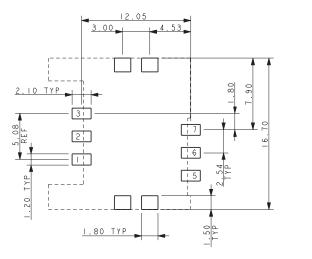


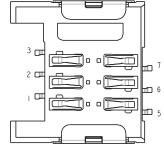


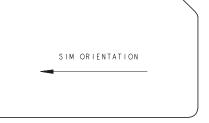
#### NOTES:

- 1. DIMENSIONS SHOWN ARE REFERENCED DIMENSIONS.
- 2. INSULATOR MATERIAL: LCP, UL94 V-0, COLOR BLACK.
- 3. CONTACT MATERIAL: PHOSPHOR BONZE.
- 4. CONTACT PLATING: NICKEL ALL OVER, GOLD ON CONTACT, GOLD FLASH ON TAILS.
- 5. PADS: NICKEL PLATED STAINLESS STEEL, PURE TIN PLATING.
- 6. COPLINARITY OF PADS 0.10 MAXIMUM.
- 7. FOR FULL PRODUCT SPECIFICATION REFER TO ELCO SPEC 201-01-112.

### SUGGESTED PCB LAYOUT







CONTACT FUNCTIONS (ISO78161):

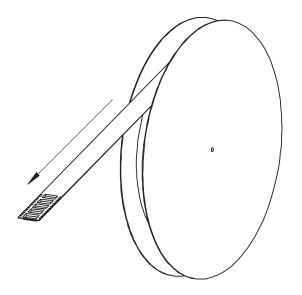
- 1. SSUPPLY VOLTAGE Vcc.
- 2. RESET
- 3. CLOCK
- 4. GROUND
- 5. PROGRAM VOLTAGE Vpp.
- 6. I/O

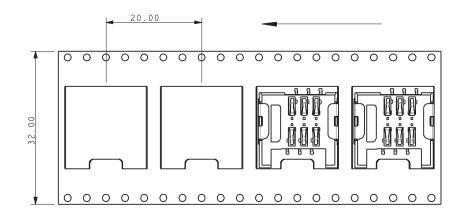
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### **PACKING DETAILS**





NOTES:

- 1. TO BE PACKED IN TAPE AND REEL.
- 2. 1000 PIECES ON A 330MM REEL.
- 3. COMPONENT DIRECTION AS SHOWN.