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-O
- Contact Material: Copper Alloy
- Plating: Gold over Nickel
- Durability: 10,000 Cycles

HOW TO ORDER

Prefix | Series | Number of Contacts | SIM Type | Contact Plating | SIM Height
00 | 9162 | 006 | 40 | 1 | 070

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
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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.

CONTACT FUNCTIONS (ISO78161):
1. SSUPPLY VOLTAGE Vcc.
2. RESET
3. CLOCK
4. GROUND
5. PROGRAM VOLTAGE Vpp.
6. I/O

SUGGESTED PCB LAYOUT
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NOTES:
1.  TO BE PACKED IN TAPE AND REEL.
2.  1000 PIECES ON A 330MM REEL.
3.  COMPONENT DIRECTION AS SHOWN.