

# 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
- 0.38 $\mu$ m 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

**00**  
Prefix

**9162**  
Series

**006**  
Number of  
Contacts

**40**  
SIM Type  
40 = SMT Slide-in SIM

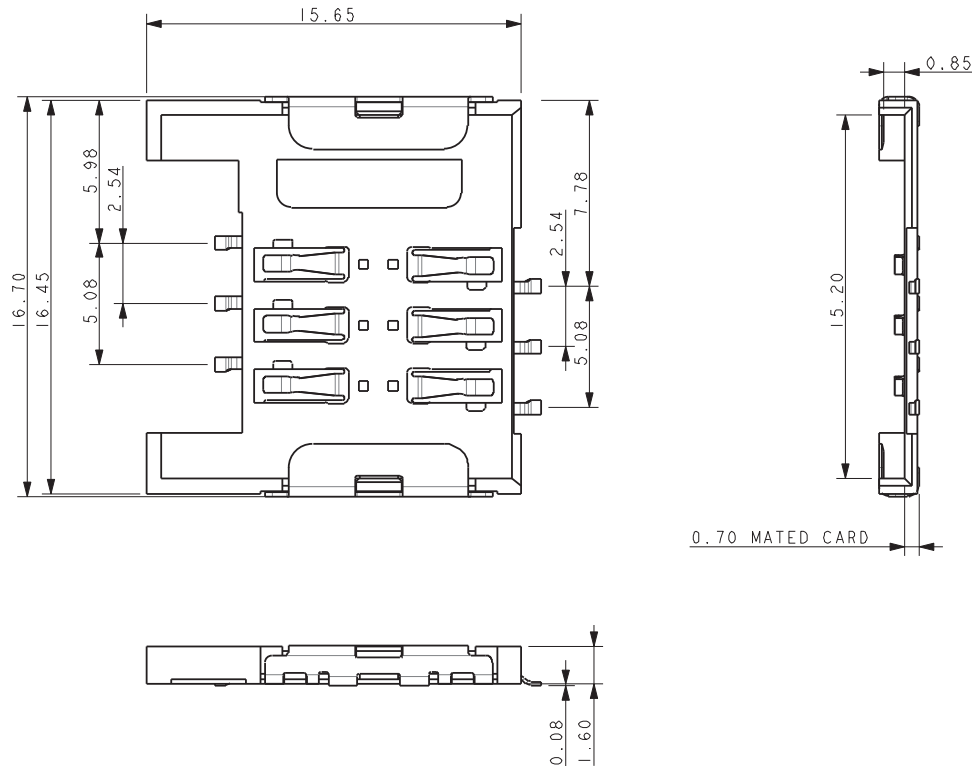
**1**  
Contact Plating  
1 = 0.38 $\mu$ m Gold on Contact Surface  
and Gold Flash on Solder Tails.  
Underplated 1.27 $\mu$ m Nickel.

**070**  
SIM Height  
070 = 0.70mm on SIM Card  
1.60mm on Connector

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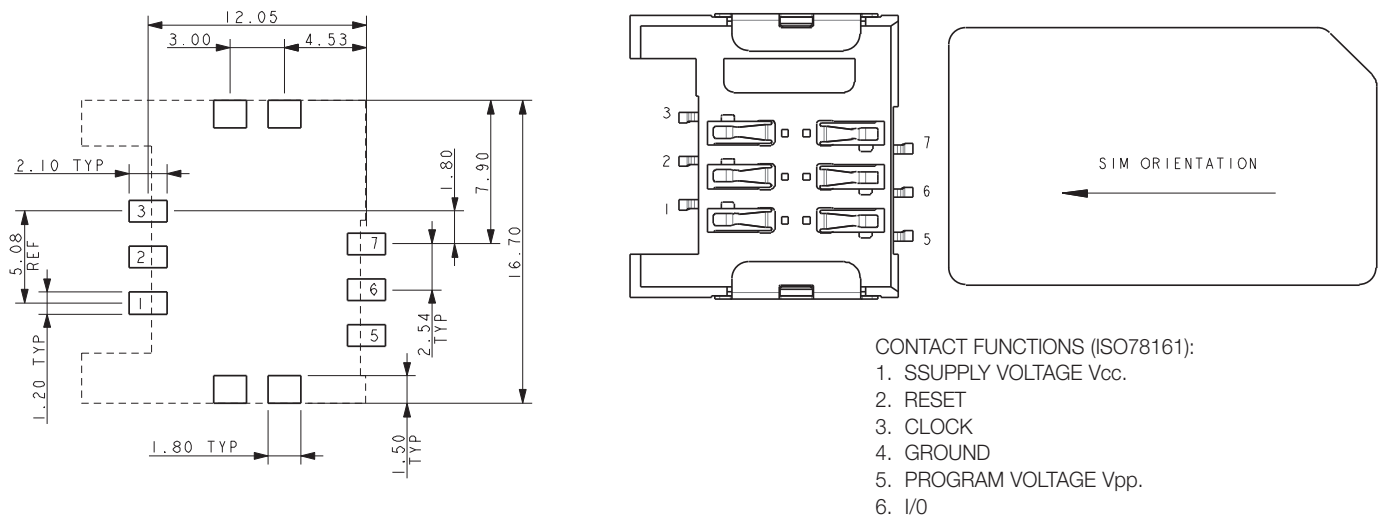
## CONNECTOR DETAILS



### NOTES:

1. DIMENSIONS SHOWN ARE REFERENCED DIMENSIONS.
2. INSULATOR MATERIAL: LCP, UL94 V-O, 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. COPLANARITY OF PADS 0.10 MAXIMUM.
7. FOR FULL PRODUCT SPECIFICATION REFER TO ELCO SPEC 201-01-112.

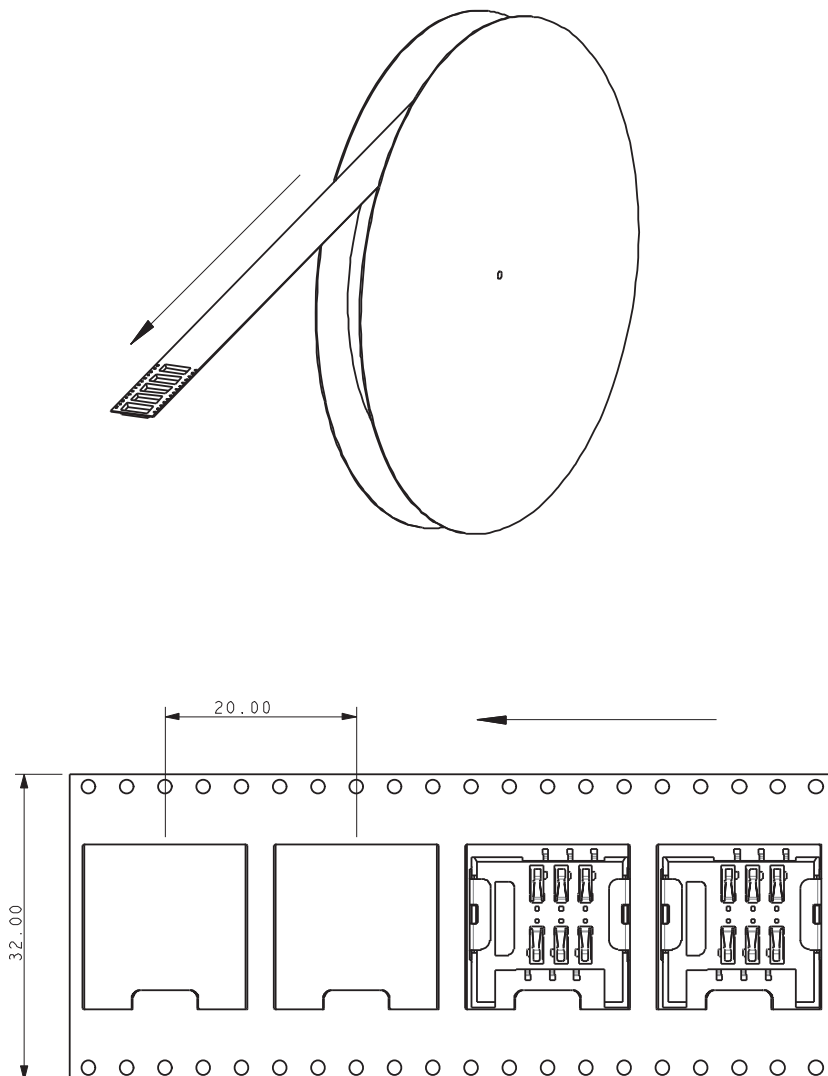
## SUGGESTED PCB LAYOUT



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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.

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