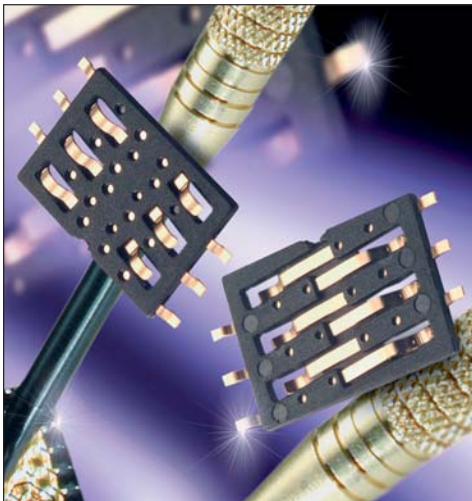


SIM Block

9162-000



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

00

Prefix

9162

Series

006

Number of
Contacts

006

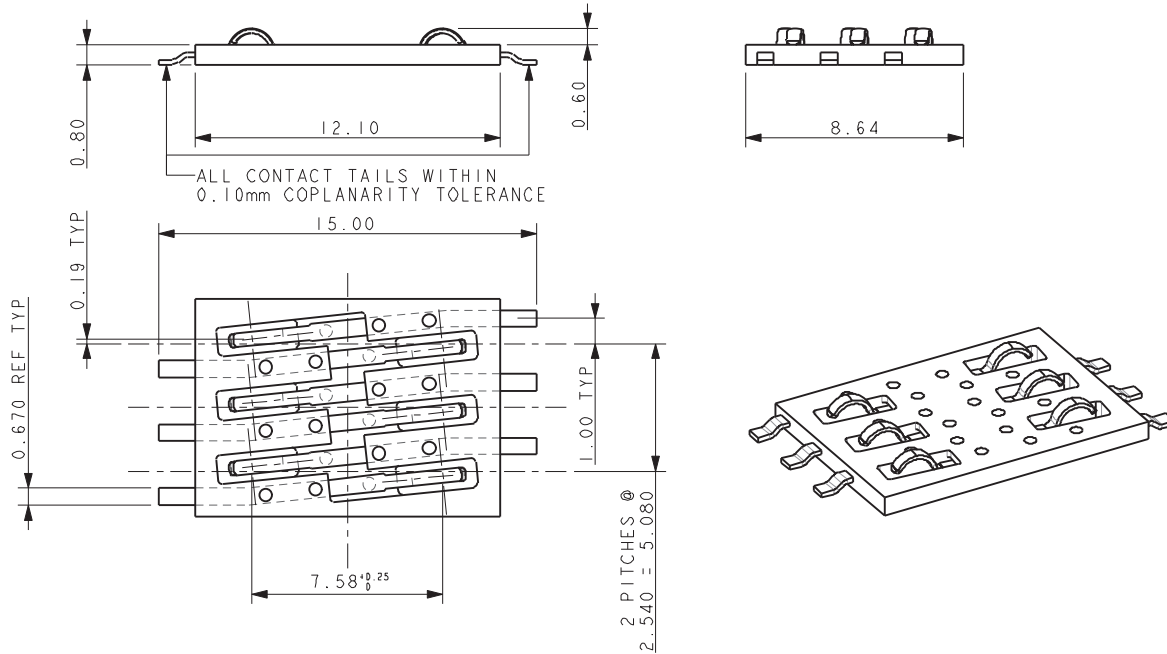
SIM Type
006 = SMT Low Profile
SIM Pure Tin Contact

080

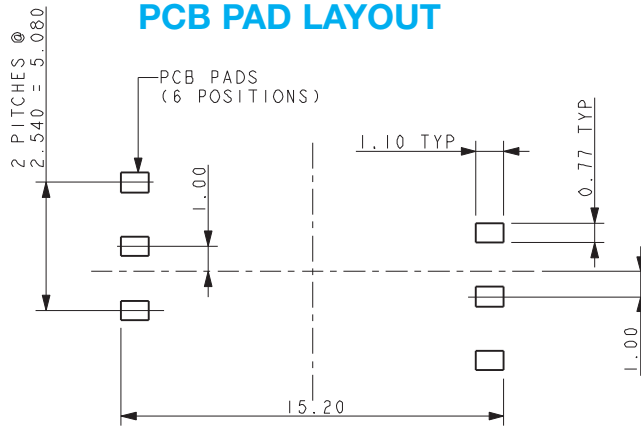
Connector Height
080 = 0.80mm



CONNECTOR HEIGHT 0.80MM

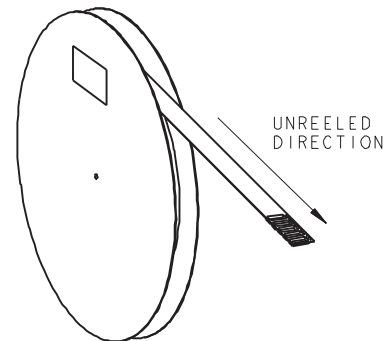
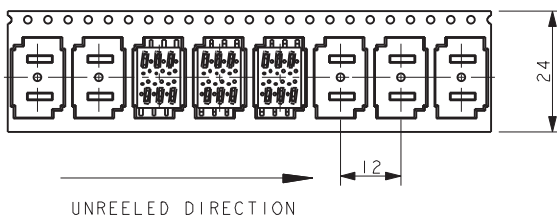


PCB PAD LAYOUT



PACKING DETAILS

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



NOTES:

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