

## GENERAL DESCRIPTION:

The standard SIM connector is specifically designed for hand held devices requiring secure subscriber identification.

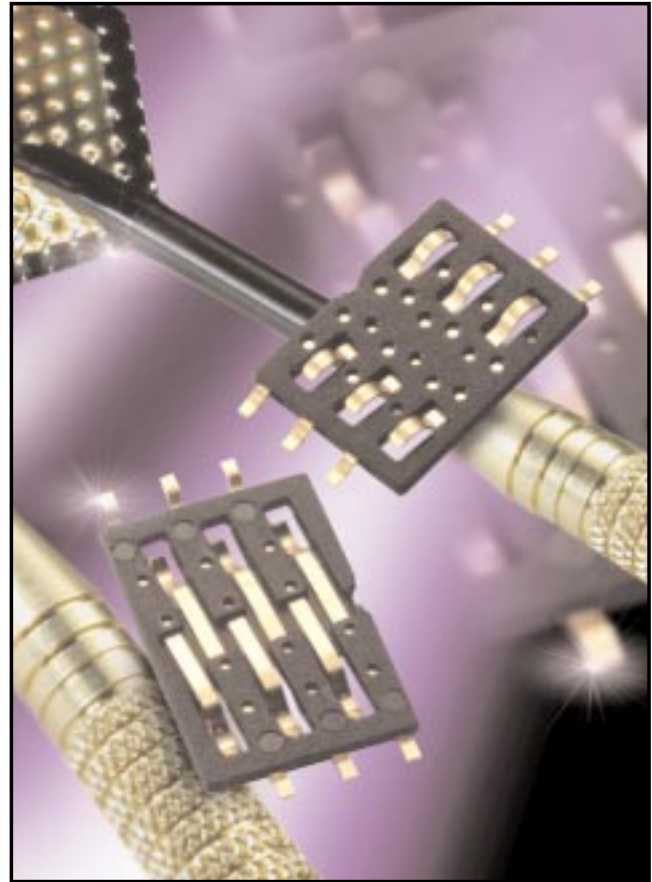
The connectors are available in a standard 6 pin configuration on a 2.54 mm pitch and at optional heights of 0.8, 1.6 or 2.4 mm.

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.

In addition to our offering presented here, other operating heights are available as custom alternatives.

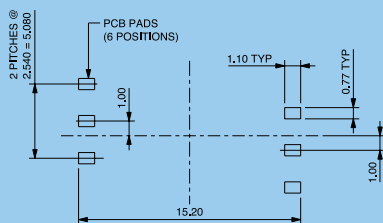
Please contact the appropriate sales office for further details of this service.



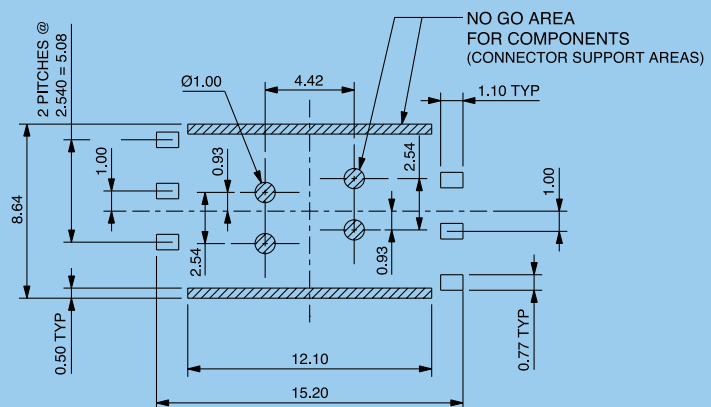
## KEY FEATURES AND BENEFITS:

- Produced for use with both full ISO cards and micro SIM cards.
- Stand-off designs allow other components to be mounted underneath the connector offering greater effective use of PCB real estate.
- The insulator is moulded 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.

### 0.8 mm PCB Pad Layout



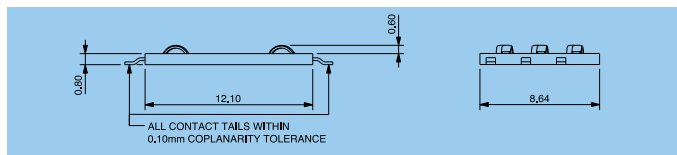
### 1.6 mm / 2.4 mm PCB Pad Layout



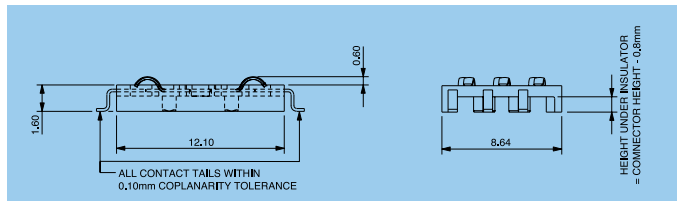
# 9162 MOBO™ SIM Card Reader



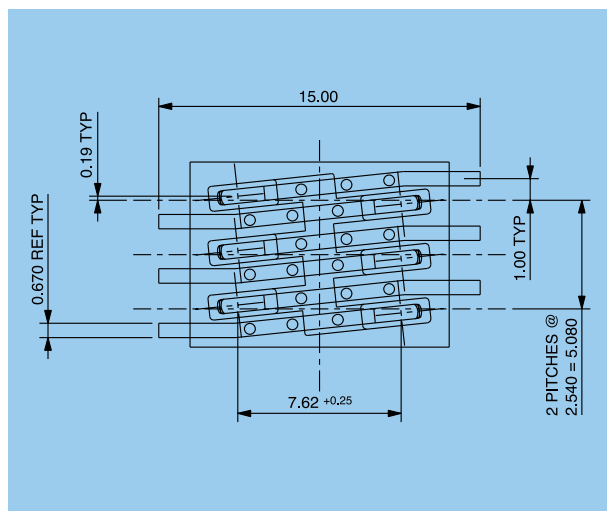
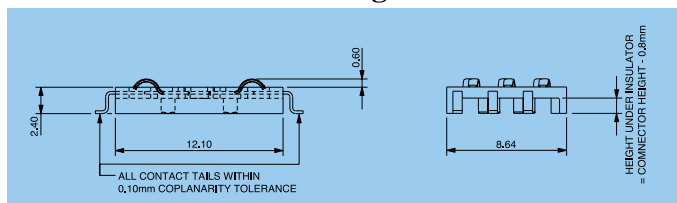
## Connector Height 0.8 mm



## Connector Height 1.6 mm



## Connector Height 2.4 mm



## HOW TO ORDER

**00**  
      
      
**PREFIX**  
 00 = Standard  
 58 = Special

**9162**  
      
      
**SERIES**

**006**  
      
      
**NO OF WAYS**  
 006 = 6

**000**  
      
      
**STANDARD**

**XXX**  
      
      
**CONNECTOR HEIGHT**  
 080 = 0.8 mm stack height  
 160 = 1.6 mm stack height  
 240 = 2.4 mm stack height

**NOTICE:** Specifications are subject to change without notice. Contact your nearest AVX Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures are indicated or that other measures may not be required. Specifications are typical and many not apply to all applications.



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