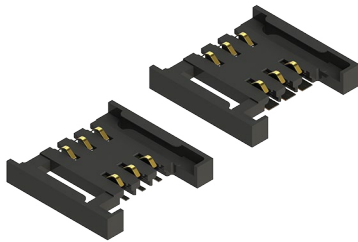


SIM CARD CONNECTORS

Slide-In SIM: 9162-200



The standard SIM connector is designed for handheld devices that require secure subscriber identification.

Following the introduction of our standard SIM block, which offers three standard heights (0.80 mm, 1.60 mm, and 2.40 mm), KYOCERA AVX is adding another standard to the 9162 series of SIM connectors: the slide-in SIM.

Unlike SIM blocks, which require guides to aid in the insertion, removal, and retention of SIM cards, the slide-in SIM has built-in guides.

The contacts are stamped, gold-plated, and rated at 0.5A and 5,000 mechanical cycles. Our rounded contact design avoids possible damage to the card itself during and after insertion, assuming normal use. The design incorporates protection features to prevent contact damage during insertion, such as contact snagging.

Please contact the appropriate sales office for more information.

APPLICATIONS

- Cellular Phones
- Radios
- Product Specification: Refer to 201-01-085

FEATURES AND BENEFITS

- Produced for use with 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.
- The all plastic design, assuming normal use prevents damage to the SIM card on insertion.
- Optional SMT contact size:
 - Standard SMT contact size – 1.60mm x 1.60mm
 - Narrow SMT contact size – 1.05mm x 0.60mm
- RoHS Compliant available.

ELECTRICAL

- Current Rating: 0.5 Amp / Contact
- Voltage Rating: 50 VAC (RMS) or DC equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +105°C
- Storage Temperature: -40°C to +70°C

MECHANICAL

- Insulator Material: Nylon 46 UL94HB
- Contact Material: Phosphor Bronze
- Plating: Gold over Nickel
- Durability: 5,000 Cycles

HOW TO ORDER

00	9162	006	2X	6	175
Prefix	Series	Number of Contacts	SIM Type	Plating Option	Connector Height
			20 = Standard SMT Foot Slide-in SIM Reader 21 = Narrow SMT Foot Slide-in SIM Reader	6 = Selective Gold Pure Tin Tails	175 = 1.750mm



SALES DRAWINGS
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