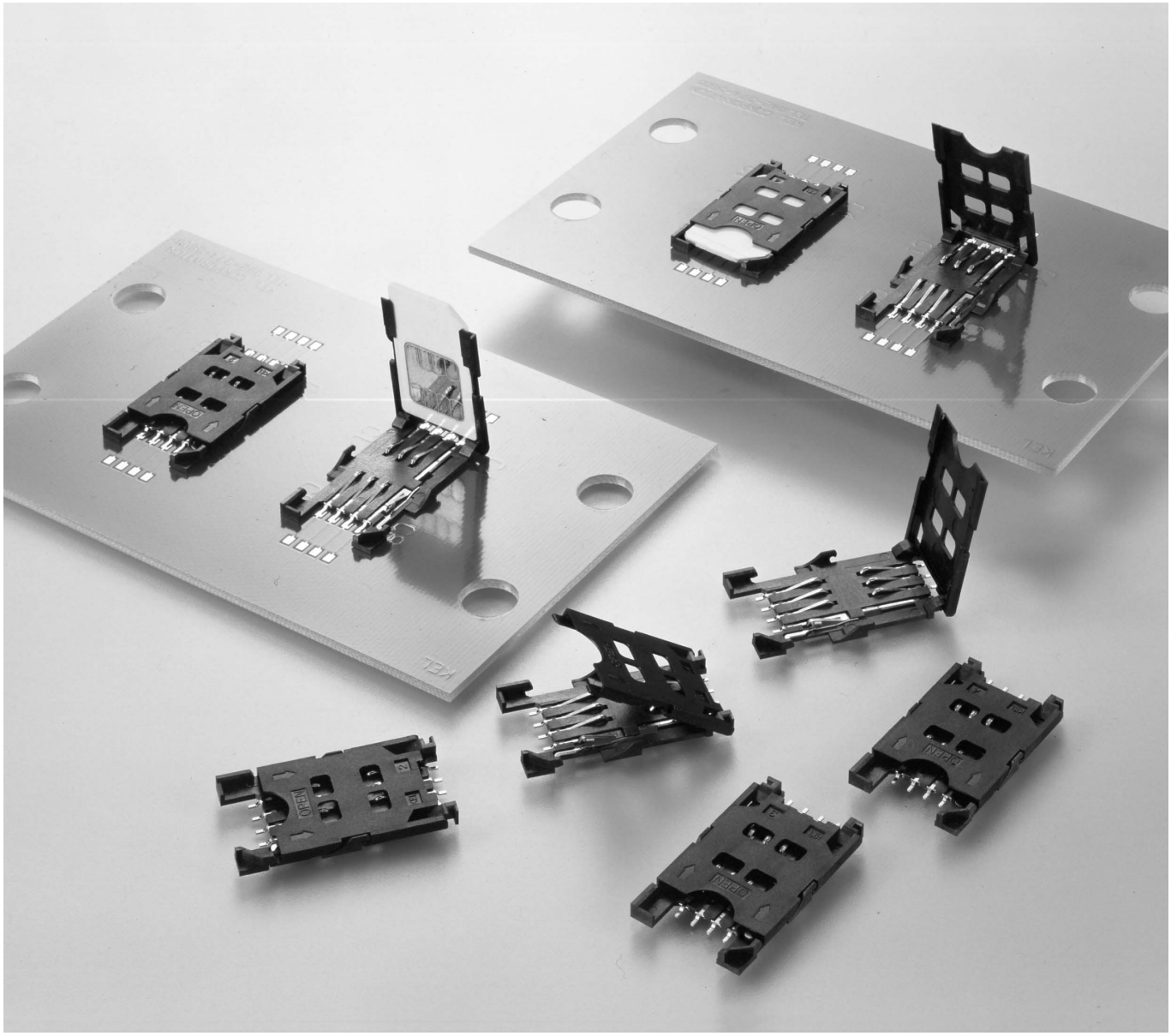
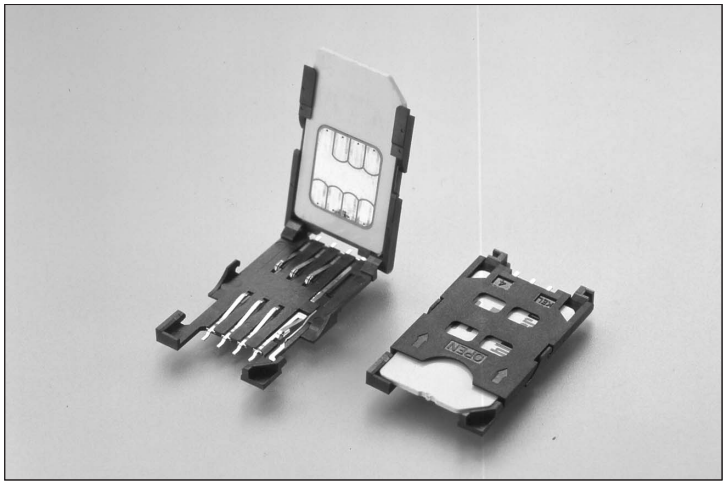
SIM Card Connector (SMT) with Cover-Lock
With Card Detection Swich Type

SMC05 SERIES



SIM Card Connector (SMT) with Card Detection Switch



FEATURES

- Conforms to GSM11.11 (European digital cellular phone standard)
- Low profile design (2.3mm height) with hinged cover
- With Card detection switch
- Original Push&Slide locking mechanism for cover assures high retention and operability
- Lightweight design with all molding construction
- Designed to prevent the misinsertion of Card
- Connector available in 6pin SMT
- RoHS compliance

ORDER CODE

SMC05-0□-□□

- Packaging style
  R : Embossed tape (Tape&Reel)
- 3 : With positioning posts
  4 : Without positioning posts
- Number of contacts
  06 : 6pin
- Type
  05 : Standard with card detection switch
- Series name
  SMC : Connector for SIM card

SPECIFICAITONS

Insulation material	: Thermoplastic LCP (UL94V-0), Black
Cover material	: Thermoplastic LCP (UL94V-0), Black
Contact material	: Copper alloy
Switch contact material	: Copper alloy
Contact plating	: Gold over Nickel
Current rating	: 1A per contact
Contact resistance	: 55mΩ max. (Signal contact) 80mΩ max. (Switch contact)
Dielectric withstanding voltage	: 500V AC for 1 minute
Insulation resistance	: 100mΩ min. at 500V DC
Durability	: 5,000 times
Operating temperature	: -40°C to +85°C

APPLICATIONS

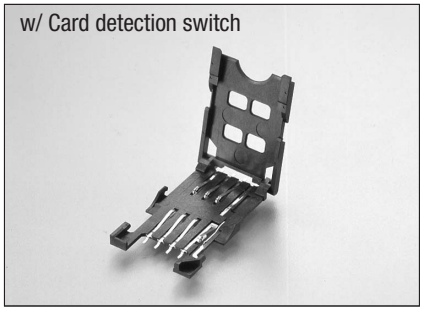
- Cellular phones
- Readers/Writers
- PDA
- Information and communication terminals
- Credit account terminals
- Electronic money readers

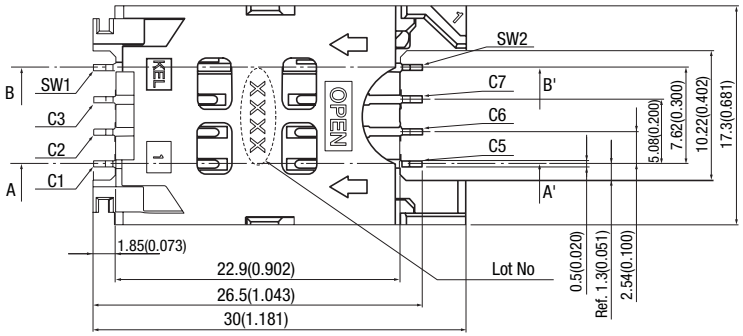
PRODUCT OUTLINE

The SIM (Subscriber Identity Module) card is mainly employed for identification devices in GSM (Global System for Mobile Communication) cellular phone.
The card is also used for identification of readers/writers and credit account terminals.
This type is called SAM (Secure Application Module) card.
The SIM/SAM card has the same profile as USIM (Universal Subscriber Identity Module) card. It is expected to be used in the next generation of cellular phones and is finding applications with PDAs, mobile terminals, and ID/access controls. Soon to be more commonly used in the rapid growth of applied electronic equipment.
The KEL SMC05 Series was designed to meet a variety of customer applications. Features include; 2.3mm height with reliable card detection switch (Designed with original contact concept), All molding construction for a low profile and/or lightweight product, Original Push&Slide locking mechanism with hinged cover coupled with high retention and excellent operability making it the best in its class.

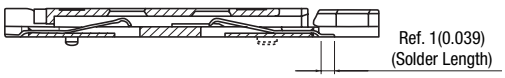
SMC05-06-□

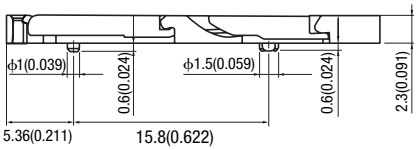
Unit:mm(inch)

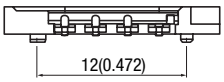




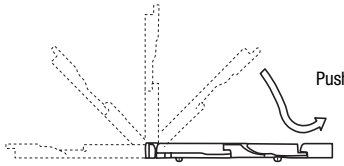
A-A' Cross Section



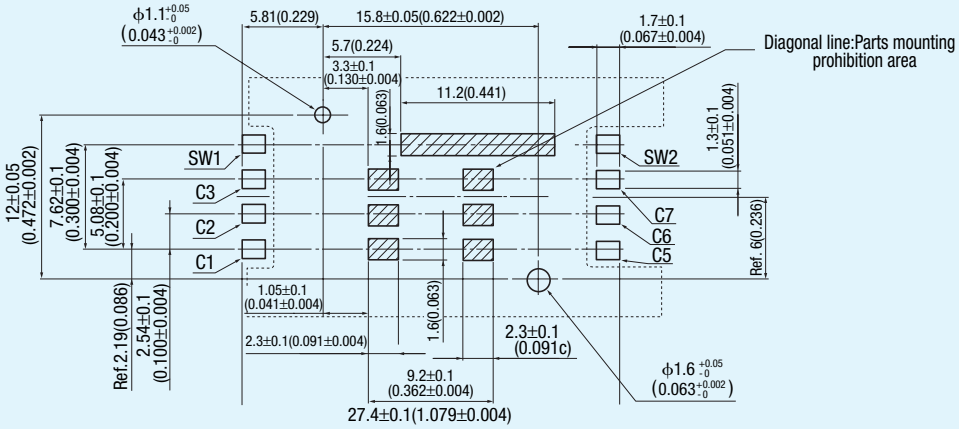




B-B' Cross Section



Printed Circuit Board Layout (Compact Side View)



■Product Table

No.of contacts	Part Number	Number of packaging
6	SMC05-06-□R	750

Packaging style
Embossed tape

Specifications and dimensions are subject to change without notice.