

## 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

## SPECIFICATIONS

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

## ORDER CODE

**SMC05-0**

- 1 : With positioning posts  
2 : Without positioning posts
- Number of contacts  
06 : 6pin
- Type  
05 : Standard with card detection switch
- Series name  
SMC : Connector for SIM card

## APPLICATIONS

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

## PRODUCT OUTLINE

The SIM (Subscriber Identify 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.

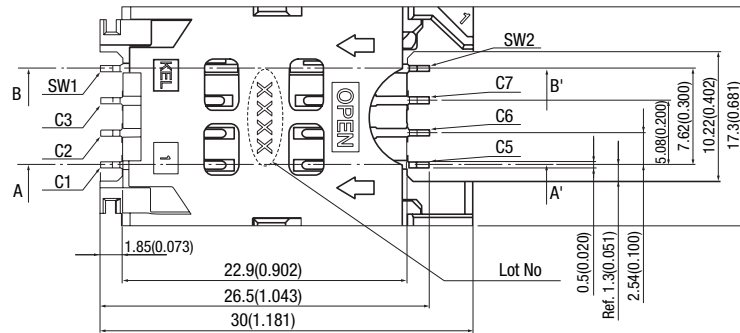
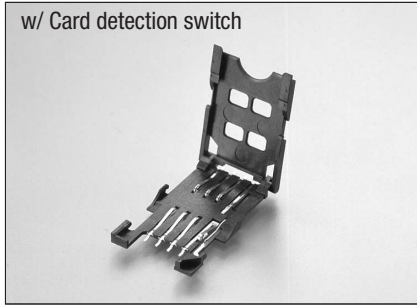
The SIM/SAM card has the same profile as USIM (Universal Subscriber Identify Module) card. It is expected to be used in the next generation of cellular phones and is finding applications with PDAs, mobile terminals, and ID/access controls. Soon to be more commonly used in the rapid growth of applied 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.

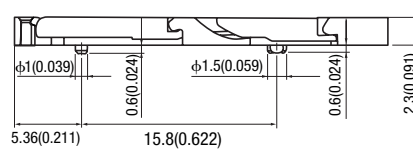
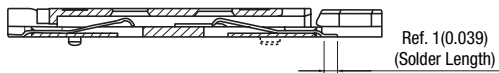
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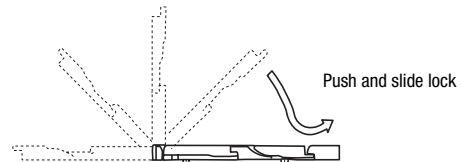
Unit:mm(inch)



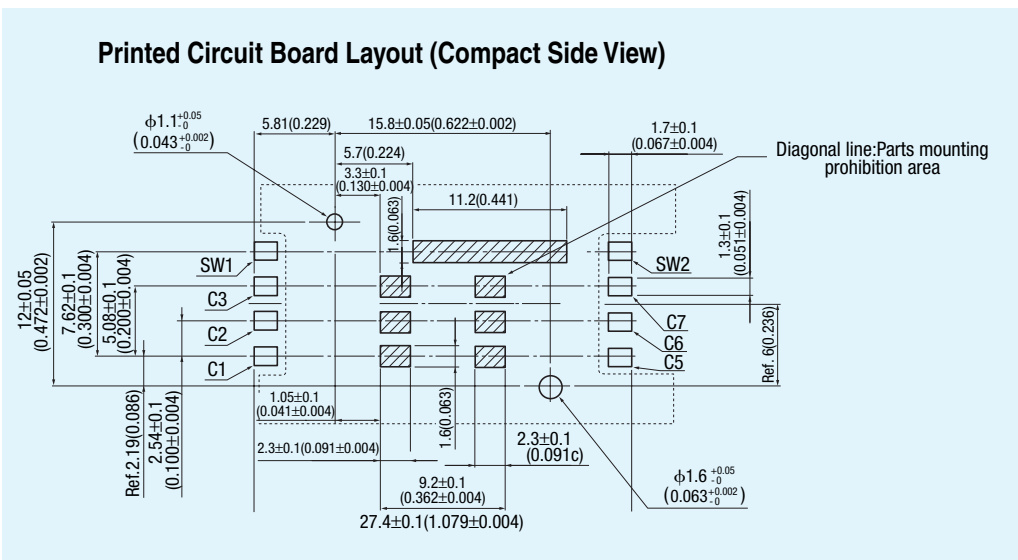
A-A' Cross Section



B-B' Cross Section



Printed Circuit Board Layout (Compact Side View)



Specifications and dimensions are subject to change without notice.