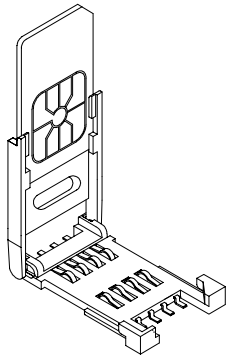


# Alpha Micro Components



## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 29.65L x 17.20W x 2.20H mm  
 Weight: Approx. 0.85 g  
 Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT Type (post optional)  
 Durability: 10,000 cycles min.

### 2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0  
 RoHS Directive 2002/95/EC Compliant

### 3. Electrical Characteristics

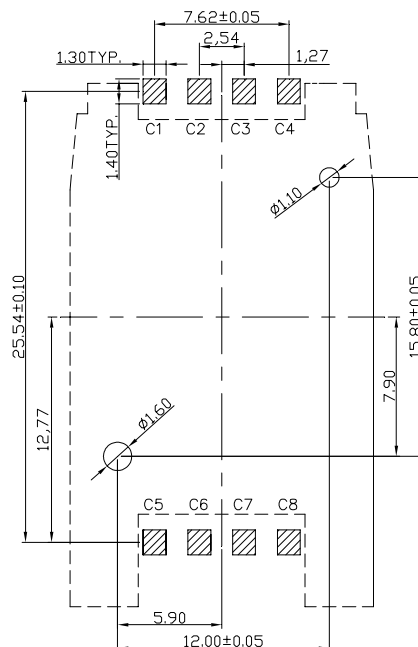
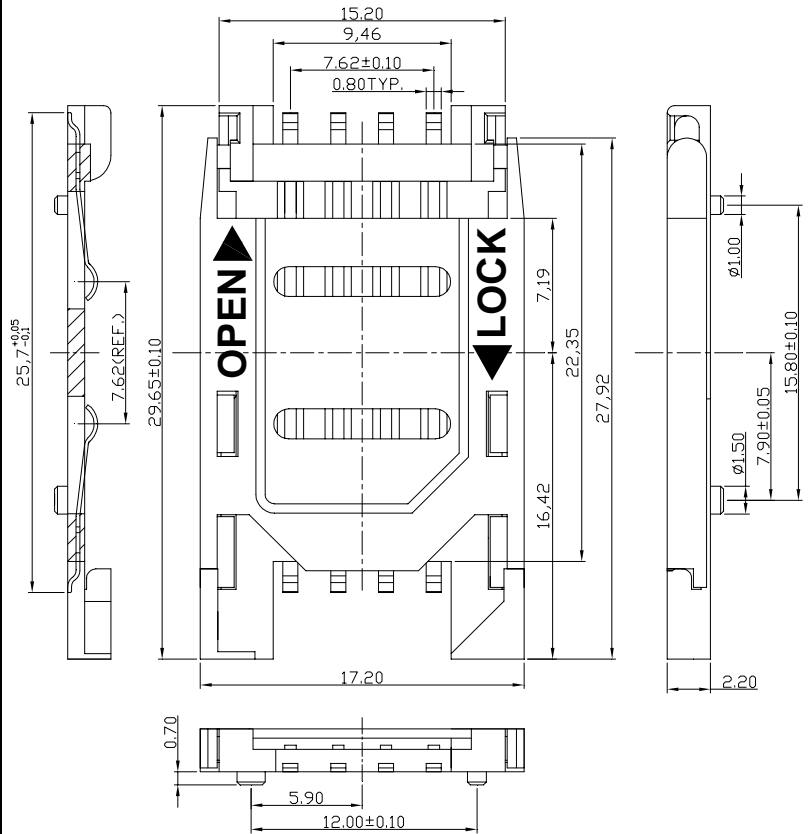
Number of contacts: 6, 8 pins (optional)  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC

### 4. Solderability

Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

### 5. Environmental Characteristics

Operating temperature: - 40°C ~ + 85°C  
 Operating humidity: 10 % ~ 95 % RH  
 Storage temperature: - 40°C ~ + 85°C  
 Storage humidity: 10 % ~ 95 % RH



SIM Card Acceptor

Model No.: AMC-ICA-521-8P

Revision: 1.3

Date: JAN. 01, 2006