

**TECHNICAL CHARACTERISTICS**

**1.General Characteristics**

Dimensions: 25.50L x 19.70W x 2.50H mm  
Weight: Approx. 1.15g  
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

**3.Electrical Characteristics**

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

**4. Solderability**

Wave: Not applicable  
Vaporphase: 215°C, 30 sec. Max.  
IR reflow: 230°C, 15 sec. Max.  
Manual soldering: 360°C, 3 sec. Max.

**5. Environmental Characteristics**

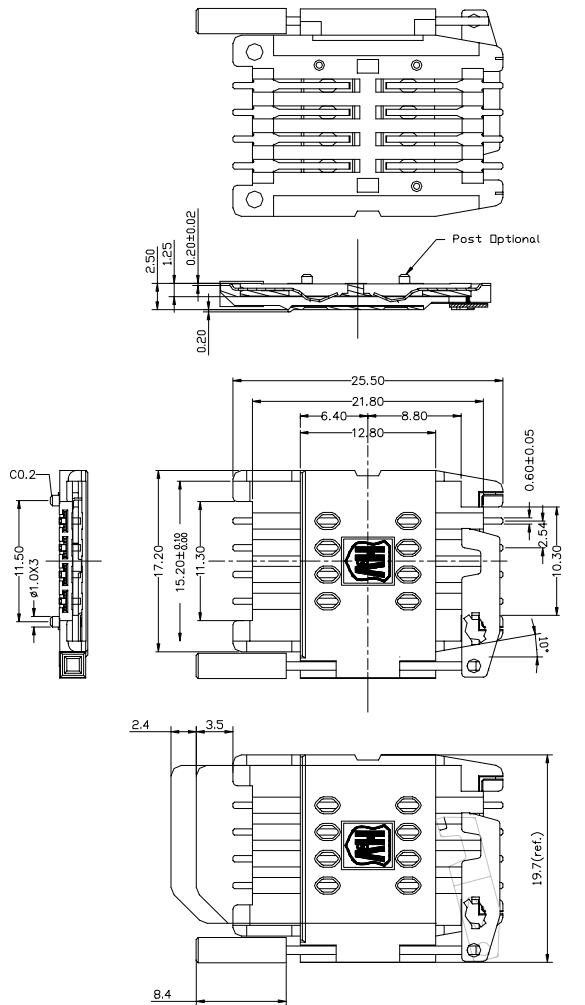
Operating temperature: - 40°C ~ + 85°C  
Operating humidity: 10 % ~ 95 % RH  
Storage temperature: - 40°C ~ + 85°C  
Storage humidity: 10 % ~ 95 % RH  
Thermal shock: - 40°C ~ + 85°C, 5 cycles  
Damp Heat: 40°C, 90 % RH, 500HR.  
Salt-mist: 35°C, 5%, NaCl , 48HR.

**H&V SIM Card Acceptor**

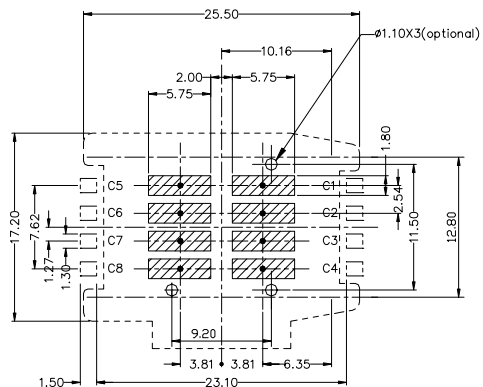
**Model No.: ICA-505**

**Revision: 1.1**

**Date: DEC. 01, 2003**



Unit: mm; Tolerances: ±0.10mm  
Mechanical outline dimension



Unit: mm; Tolerances: ±0.10mm  
Reference dimension for PCB layout