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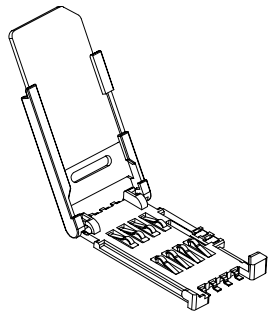
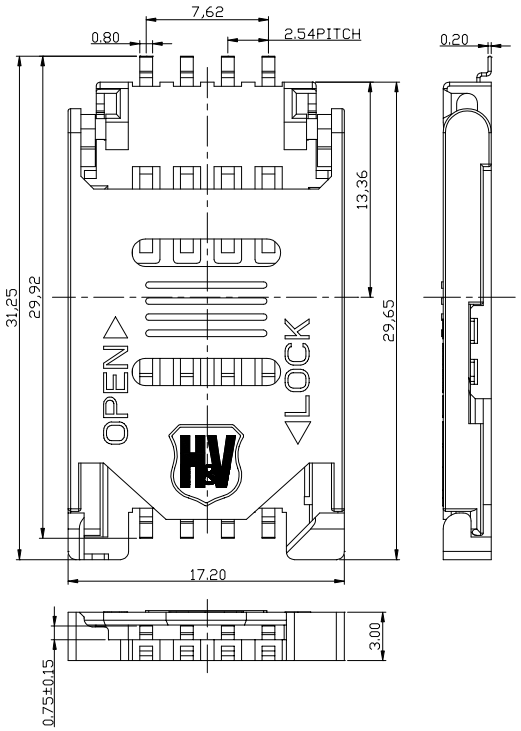
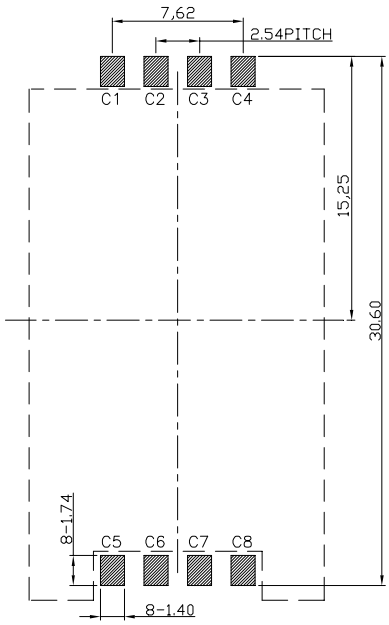




Unit: mm; Tolerances: ±0.15 mm
Mechanical outline dimension



Unit: mm; Tolerances: ±0.15 mm
Reference dimension for PCB layout

TECHNICAL CHARACTERISTICS

1. General Characteristics
   - Dimension: 29.65L x 17.20W x 3.00H mm
   - Weight: Approx. 1.40 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

H&V SIM Card Acceptor

Model No.: ICA-510 No Post

Revision: 1.3	Date: JAN. 01, 2006

DOC-CAS-510100-000

For further information,please contact:
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