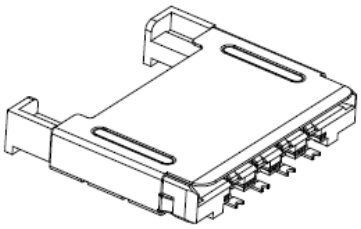
AMC-ICC-432-8PA-RX

8 Pin Surface Mount Card Reader
without mounting posts



TECHNICAL CHARACTERISTICS

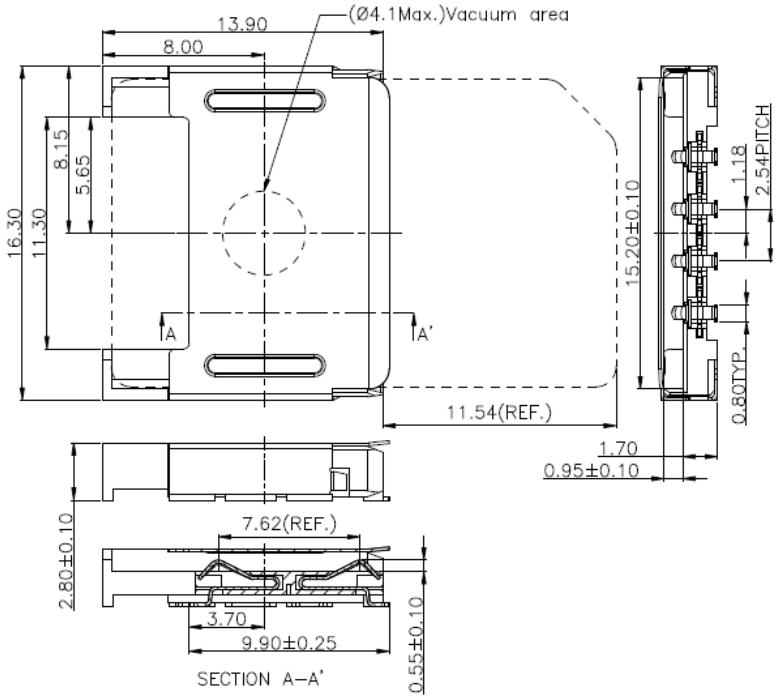
1. **General Characteristics**
   Dimensions: 13.90L x 16.30W x 2.80H mm
   Weight: Approx. 0.45 g
   Contact principle: Friction technology
   Operating position: Shaft up/Down/Horizontal
   Mounting system: SMT Type (without post)
   Durability: 5,000 cycles min.

2. **Mechanical Characteristics**
   Insulation material: Thermoplastic, UL 94V-0
   RoHS Directive 2002/95/EC Compliant

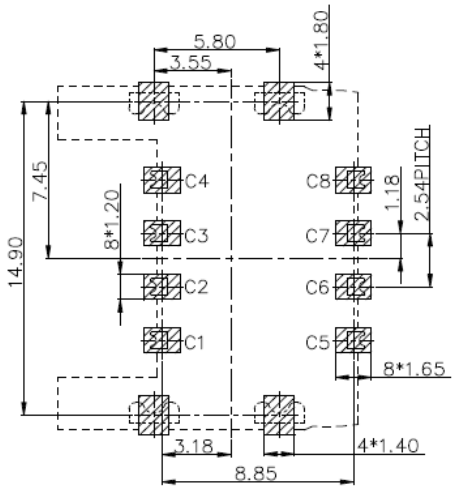
3. **Electrical Characteristics**
   Number of contacts:
   8 pins – AMC-ICC-432-8PA-RX
   6 pins – AMC-ICC-432-6PA-RX (optional)
   Contact resistance: 50 mΩ typical, 100 mΩ max
   Insulation resistance: >1000 MΩ / 500 VDC

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



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



Unit: mm; Tolerances: ±0.05 mm
Reference dimension for PCB layout

AMC SIM Card Connector
AMC-ICC-432

Revision: 1.1	Date: 1 Jan 2011

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