

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 23.60L x 10.15W x 1.30H mm
Weight: Approx. 0.45 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT with post
Durability: 100,000 cycles min.

2. Mechanical Characteristics:

Insulation material: Thermoplastic, UL 94V-0

3.Electrical Characteristics

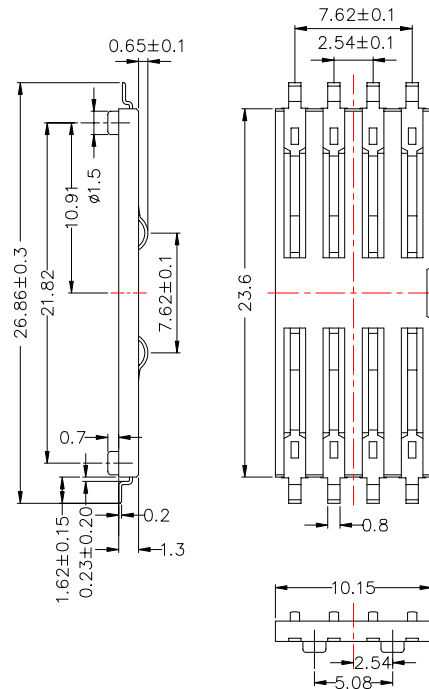
Number of contacts: 8 pins
Contact resistance: 50 mΩ typical, 100 mΩ max.
Insulation resistance: > 1000 MΩ / 500 VDC

4. Solderability

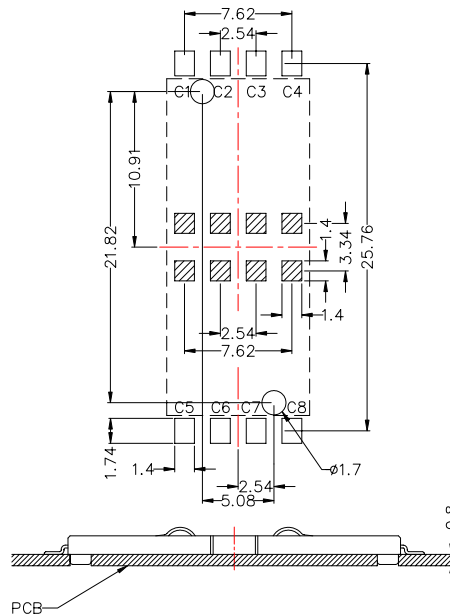
Wave: Not applicable
Vaporphase: 215°C, 30 sec. Max.
IR reflow: 230°C, 15 sec.
Manual soldering: 360°C, 3 sec. Max.

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.



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



Hatched area is pattern prohibition area
Unit: mm; Tolerances: ±0.10mm
Reference dimension for PCB layout

H&V Smart Card Connector

Model No.: ICC-400

Revision: 1.6

Date: DEC. 01, 2003