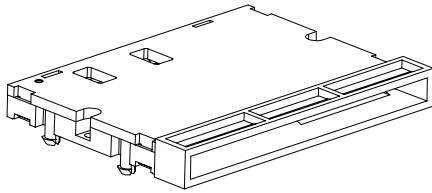


COSMOS UNION CO., LTD. COSMOS HI-TECH CO., LTD.

No. 1, Alley 13, Lane 62, Chum King Rd., Pan Chiao, Taipei 220, Taiwan, R.O.C.



TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 64.00L x 48.00W x 7.50H mm
 Weight: Approx. 15.0 g
 Contact principle: Friction technology
 Operating position: Shaft up / Down / Horizontal
 Mounting System: Thru-Hole with snap-in lock
 Durability: 100,000 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0

3. Electrical Characteristics

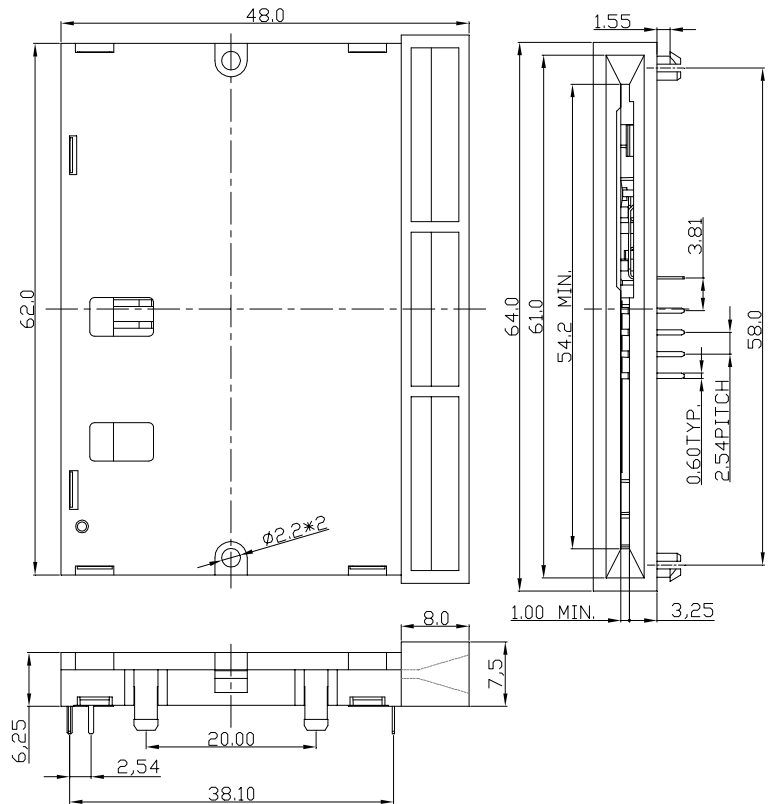
Number of contacts: 8 pins
 Contact resistance: 50 mΩ typical, 100 mΩ max.
 Insulation resistance: >1000 MΩ / 500 VDC
 Switch type: Blade
 Operation: Normally Open or Close

4. Solderability

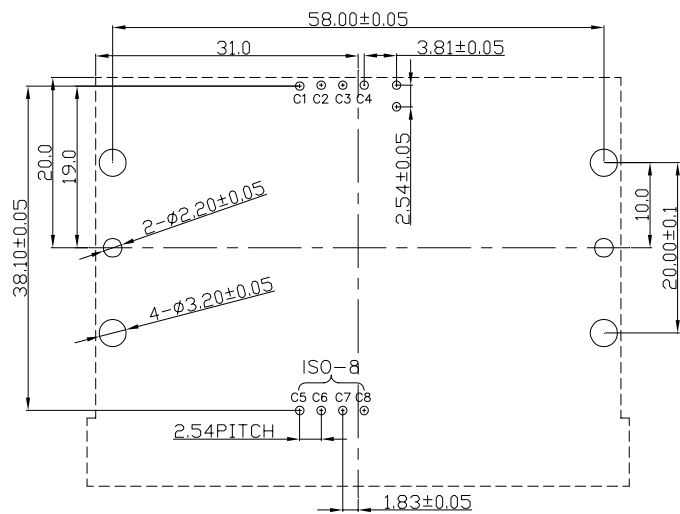
Wave: 260°C, 5 sec.
 IR reflow: Not applicable
 Manual soldering: 360°C, 3 sec. Max.

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: ±0.15 mm
Reference dimension for PCB layout

Smart Card Acceptor

Model No: CNT-107

Revision: 0.91

Date: SEP. 29, 2005