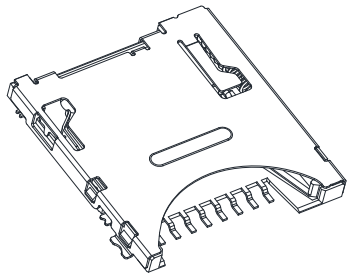
HAMBURG INDUSTRIES CO., LTD.

6F., No. 12, Ln. 270, Sec. 3, Beishen Rd., Shenkeng Dist., New Taipei City 222, Taiwan



TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 14.95L x 14.10W x 1.45H mm
Weight: Approx. 0.4 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT Type (without post)
Function: Push Push Type
Durability: 5,000 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0
RoHS Directive 2011/65/EU Compliant

3. Electrical Characteristics

Number of contacts: 8 pins
Contact resistance: 100 mΩ / 20 mA
Insulation resistance: >1000 MΩ / 500 VDC
Switch type: Blade
Operation: Normally Open

4. Solderability

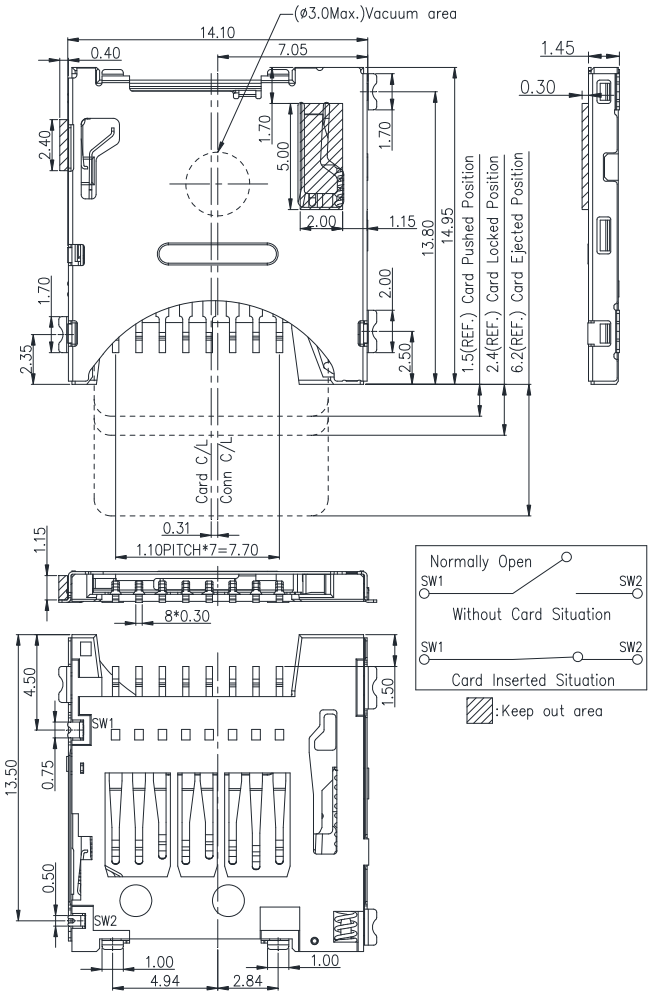
Wave: Not applicable
IR reflow: 260°C, 10 sec. Max.
Manual soldering: 360°C, 3 sec. Max.

5. Environmental Characteristics

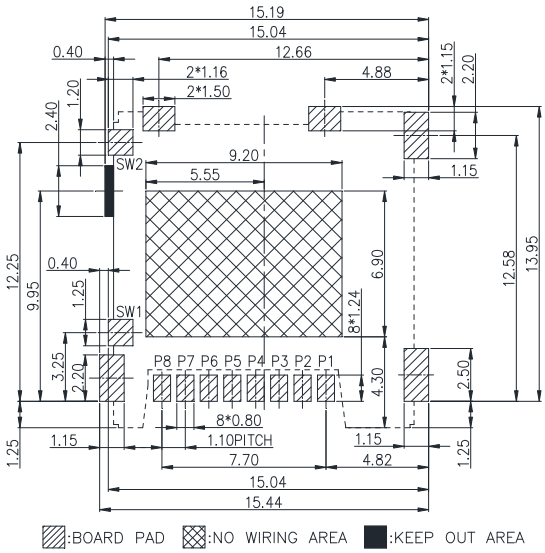
Operating temperature: - 25°C ~ + 85°C
Operating humidity: 10 % ~ 95 % RH
Storage temperature: - 40°C ~ + 85°C
Storage humidity: 10 % ~ 95 % RH

6. Pin Assignments

Pin	Micro SD Mode	
	Name	Description
1	DAT2	Data Line (Bit 2)
2	CD/DAT3	Card Detect / Data Line (Bit 3)
3	CMD	Command Response
4	VDD	Supply Voltage
5	CLK	Clock
6	VSS	Supply Voltage Ground
7	DAT0	Data Line (Bit 0)
8	DAT1	Data Line (Bit 1)



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



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

Note:
1. Coplanarity of solder pins 0.10mm max.
2. Recommended thickness of solder paste > 0.15mm.

H&V Micro SD Card Connector

Model No.: MCA-T07 Type2

Revision: 1.1 | Date: JUN. 21, 2017

For further information, please contact:
Tel: +886 2 2662 8882(Rep.) Fax: +886 2 2662 7201~2 E-mail: taipei@hamburg.com.tw URL: http://www.hamburg.com.tw