

Reverse Type

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 23.76L x 20.72W x 2.05H mm
 Weight: Approx. 0.70 g
 Mounting System: SMT Type (post optional)
 Function: Push Push Type
 Blade Switch: Normally Close
 Durability: 10,000 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0

3. Electrical Characteristics

Number of contacts: 11 pins
 Current Rating: 100mA Max.
 Contact Resistance: 100 mΩ Max
 Insulation Resistance: 1000 MΩ Min.
 Withstanding Voltage: 500 V AC / 1min.

4. Environmental Characteristics

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

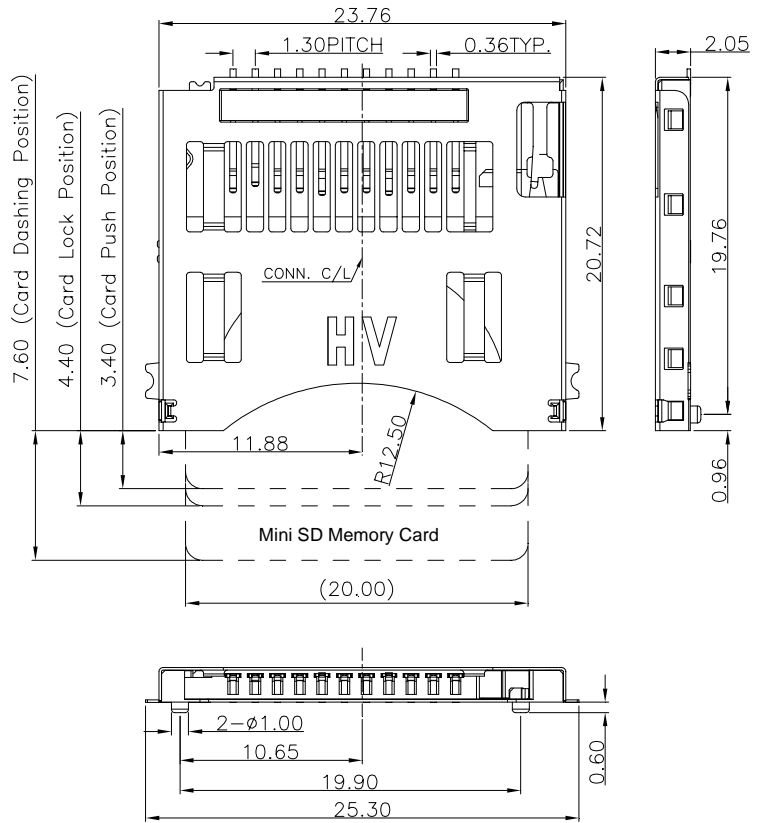
5. Pin Assignments

Pin	SD Mode	
	Name	Description
1	CD/DAT3	Card Detect/ Data Line (Bit 3)
2	CMD	Command/Response
3	VSS	Supply voltage ground
4	VDD	Supply voltage
5	CLK	Clock
6	VSS	Supply voltage ground
7	DAT0	Data Line (Bit 0)
8	DAT1	Data Line (Bit 1)
9	DAT2	Data Line (Bit 2)
10	NC	For Future Use
11	NC	For Future Use

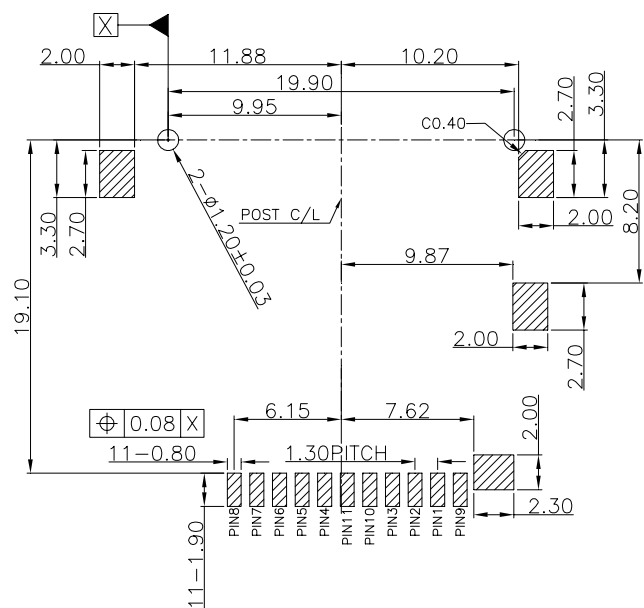
H&V MINI SD Card Connector

Model No.: MCA-S02

Revision: 0.93 Date: AUG. 01, 2005



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



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