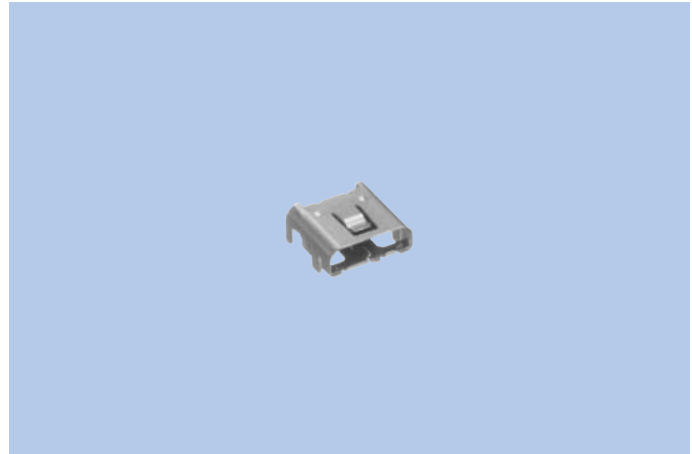


# Ultra Mini Serial Connectors CAM-H12

## FEATURES

1. Ultra-small and thin size realized for 10 pins.
2. It is the most suitable for the connection with PC peripheral equipment with PCs, PDAs, mobile phones and so on.
3. Utilizes a sequential function that slides power supply and signal contact connection timing.
4. Couple/decouple reliability ensured for 3,000 times.
5. Weight : 0.3g



## HOW TO ORDER

1. CAM-H12

**H12 - 010 - 05 0 - A G G A A**  
1        2        3 4    5 6 7 8 9

- 1 Series No. (H12)
- 2 No. of contacts (010 : 10pins)
- 3 Housing material (05 : 46Nylon resin)
- 4 UL grade (0 : 94V-0)
- 5 Contact plating (A : Gold)
- 6 Contact plating thickness (G : 0.3μm)
- 7 Contact tail style (G : Angle SMT)
- 8 Coupling side accessories (A : None)
- 9 Board side accessories (A : None)

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

Rated Voltage	AC 5V (rms)
Rated Current	0.5A
Withstanding Voltage	100V AC (rms) 1minute
Insulation Resistance	100MΩ min. (at 500V AC)
Contact Resistance	50mΩ max.

### MECHANICAL CHARACTERISTICS

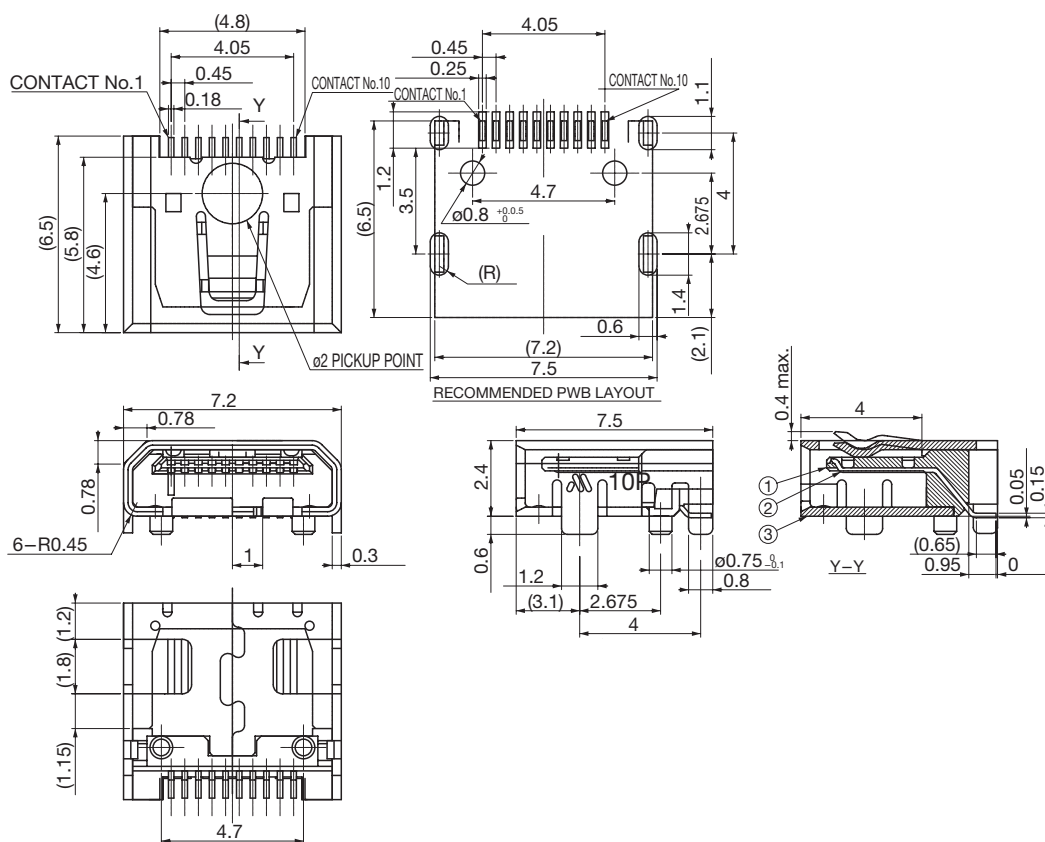
Life (Matching Cycle)	3,000 times
Total Insertion Force	35N (3.57kgf) max.
Total Withdrawal Force	1N (0.1kgf) min.

## MATERIAL & FINISH

Component parts		Material	Finish
CAM-H12	Housing	Thermo plastic	Black
	Contact	Copper alloy	Gold plating
	Shield Case	Copper alloy	Gold flash plating

## DIMENSIONS

CAM-H12



Unit : mm