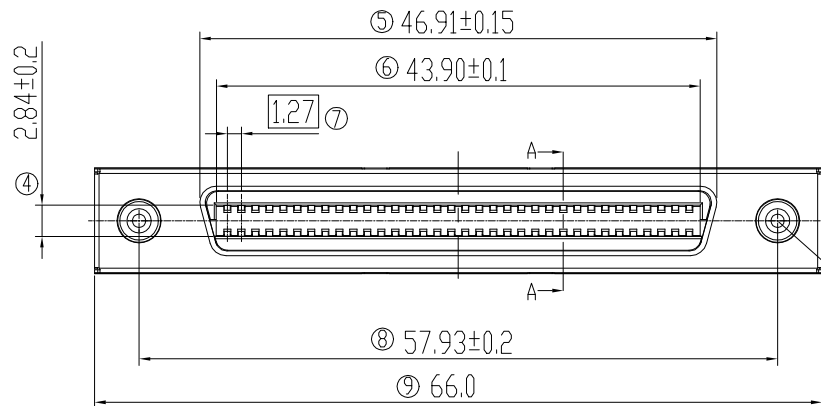
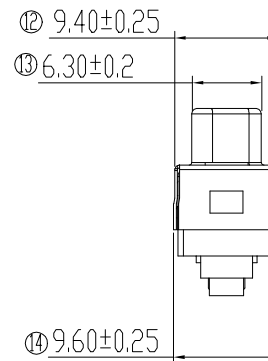
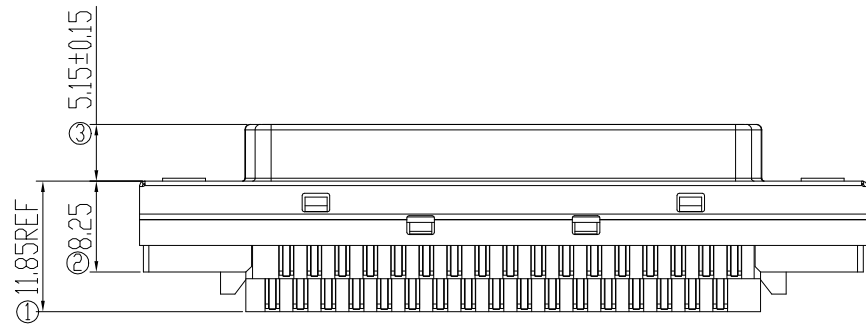


SECTION A-A

Performance characteristics:

1.Main body part material

Insulator: LCP black UL94V-0

Contact terminal: phosphor bronze, Ni 1.27 μ m under plated,
Contact Area plating Au 0.38 μ m, Tail plating Sn Sn3 μ m.

Shell: SPCC, outer plating Ni

2.Electrical requirements:

Current voltage: 60V

Current rating: 1 A

Contact resistance: ≤ 60 m Ω

Insulation resistance: ≥ 1000 M Ω

Withstanding voltage: 500 Vr.m.s, 1mA, 60s

3.Mechanical requirements

Mating force: 102N Max.

Unmating force: 10N Min.

Contact Retention Force: 10N /Pin Min

Durability times: 200 times

Wire gauge: 24~30 AWG

4.Environment specification

Working temperature: -55 $^{\circ}$ C~+85 $^{\circ}$ C

5.Packing & storing

Method of packing: tray, inner box, outer box

Storing condition: temperature of -10 $^{\circ}$ C~+40 $^{\circ}$ C
below 80% relative humidity

6.Style of installation: solder cable installation

7.To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS.

Unless otherwise specified tolerance:

X.	± 0.50	X. $^{\circ}$	$\pm 3^{\circ}$
.X	± 0.38	.X. $^{\circ}$	$\pm 2^{\circ}$
.XX	± 0.25		

					1865 series MDR-68PIN Cable connector Female	SL0.1865.004			
						Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			B0		
DRAW	Lawrence 2022.05.23					All Dimensions in mm			
CHK	Tim 2022.7.21					Sheet 1 of 1			
MAN					1865-686-07-1	 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			
STD	xyliu 2022.07.21								
APP	Alan 2022.07.21								