

A

B

C

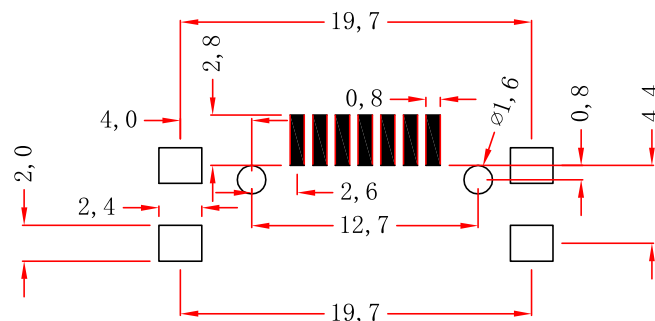
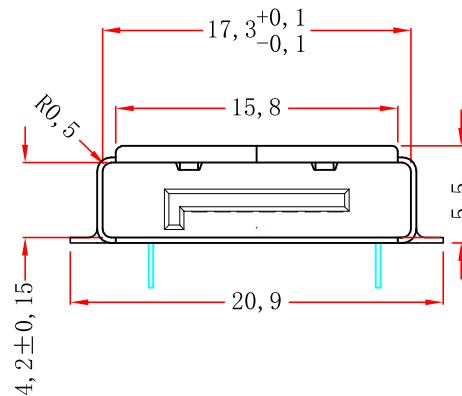
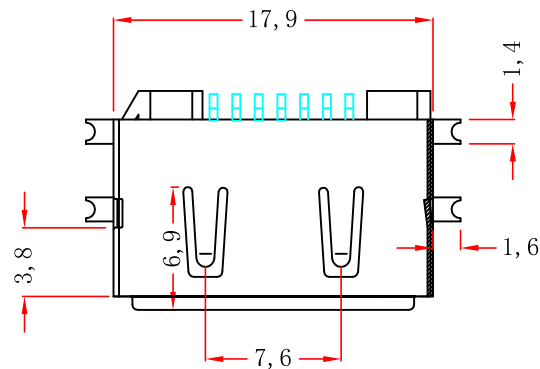
D

A

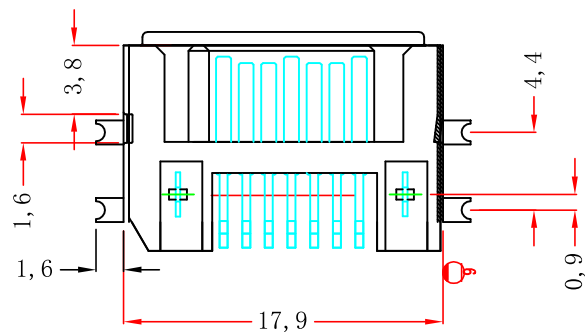
B

C

D



PCB LAYOUT



Specifications:

Electrical:

1. Current Rating
1.5A/contact terminal
2. Voltage Rating
30V DC
3. :Contact Resistance
30 milliohms MAX
4. :Dielectric Withstanding Voltage:
500 V AC AT Sea Level
5. :Insulation Resistance:
1000MEGA ohms MIN

Mechanical:

1. : Connector Mate and Unmate Force
Mate force:3.57kgf(MAX)
Unmate force:1.02kgf(MIN)
2. : Terminal Retention
0.6kgf(MIN)

Material:

1. :Housing:
Hing Temperature Tnermaplastics,
UL 94V-0 LCP Black Stand fire 250°
2. :Contact:Copper Alloy C2680

Finish:

1. :Contact: Plated Gold in Mating Area;
Tin On Solder Talls

PRODUCT NAME

SATA 7P SMD Horizontal Metal Connector

SUNROM.COM

PRODUCT CODE

7831

PRODUCT URL

<https://www.sunrom.com/m/7831>

DATE

01/04/2025