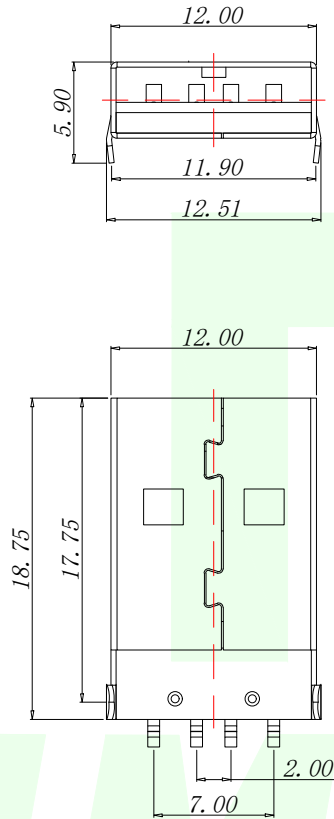
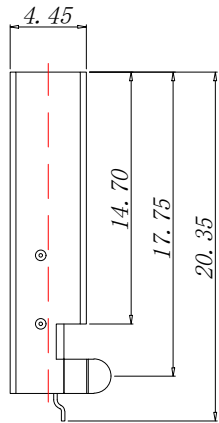
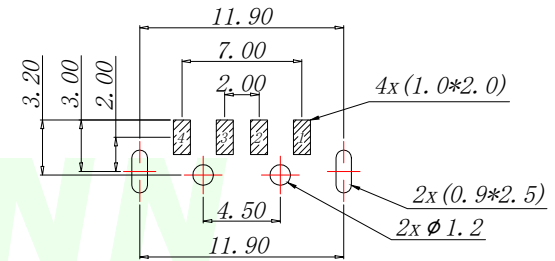


- Specifications:
- Electrical:
1. Current Rating  
1.5A/contact terminal
  2. Voltage Rating  
30V DC
  3. Contact Resistance  
30 milliohms MAX
  4. Dielectric Withstanding Voltage:  
500 V AC AT Sea Level
  5. Insulation Resistance:  
1000MEGA ohms MIN

- Mechanical:
1. Connector Mate and Unmate Force  
Mate force: 3.75kgf (MAX)  
Unmate force: 1.02kgf (MIN)
  2. Terminal Retention: 1.2kgf (MIN)

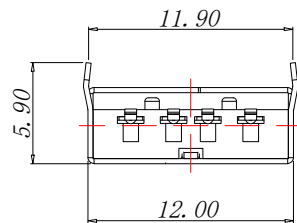
- Material:
1. Housing: High Temperature Thermoplastics, UL 94V-0  
PBT/LCP White/Black
  2. Contact: Copper Alloy C2680
  3. Shell: Copper Alloy C2680/SPCC

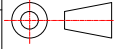
- Finish:
1. Contact: Plated Gold in Mating Area; Tin on Solder Tails
  2. Shell: Nickel Plating



PCB WELDING DRAWING (TOLERANCE: ±0.05)

| Pin Definition |             |                       |
|----------------|-------------|-----------------------|
| PIN            | Signal Name | Describe              |
| 1              | VBUS        | +5V                   |
| 2              | D-          | Negative Data Channel |
| 3              | D+          | Positive Data Channel |
| 4              | GND         | Ground                |



| GENERAL TOLERANCES<br>UNLESS SPECIFIED |        |  深圳市华明通电子有限公司<br>Shenzhen Huamingtong Electronics Co., Ltd |                                                                                       |       |
|----------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|
| .X±0.30                                | X°±5°  | PART NO.                                                                                                                                        | TITLE:                                                                                |       |
| .XX±0.25                               | .X°±1° | HMT-USB-AM180-SMD                                                                                                                               | USB-AM-SMD-90°                                                                        |       |
| .XXX±0.15                              |        | DESIGN: James                                                                                                                                   | CUSTOMER                                                                              | SIZE  |
| MANUFACTURE DWG                        |        | CHED: Talen                                                                                                                                     |                                                                                       | UNITS |
|                                        |        | APPD: Sophia                                                                                                                                    |  | SCALE |
|                                        |        |                                                                                                                                                 |                                                                                       | SHEET |
|                                        |        |                                                                                                                                                 |                                                                                       | N/A   |
|                                        |        |                                                                                                                                                 |                                                                                       | 1/1   |