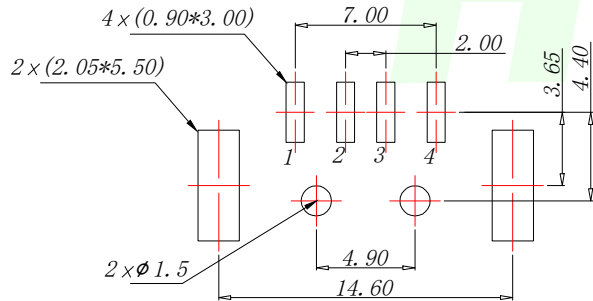
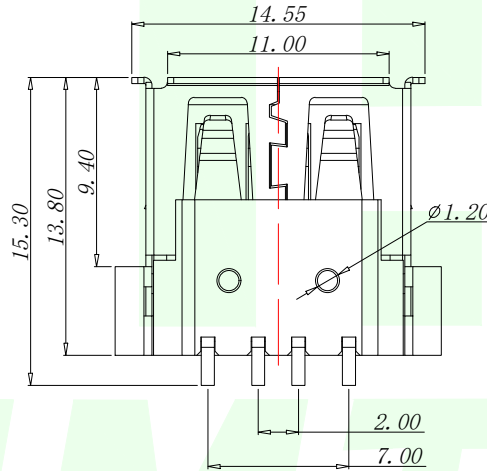
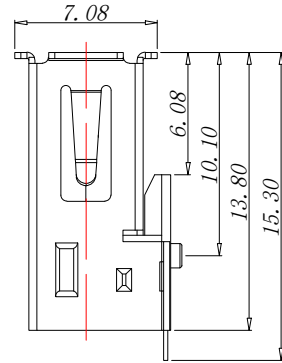
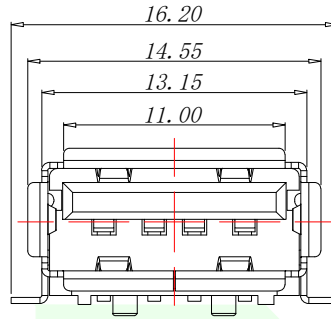
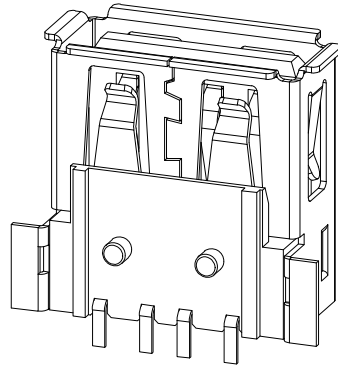
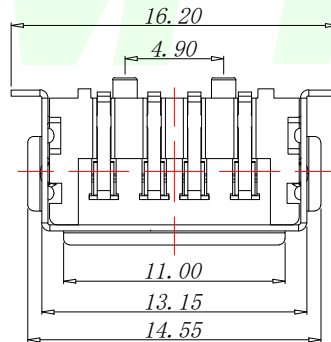


RoHs



PCB. WELDING DRAWING (TOLERANCE: ±0.05)



#### 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

#### Pin Definition

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

GENERAL TOLERANCES  
UNLESS SPECIFIED

|      |       |       |       |
|------|-------|-------|-------|
| X.X  | ±0.30 | X.°   | ±5°   |
| .XX  | ±0.20 | X.X°  | ±1°   |
| .XXX | ±0.10 | X.XX° | ±0.5° |

MANUFACTURE DWG



深圳市华明通电子有限公司  
Shenzhen Huamingtong Electronics Co., Ltd

PART NO.  
HMT-USB-AF90QT

TITLE:  
USB AF 90° 鱼叉脚贴片卷边内弹铁壳

DESIGN: James  
CHED: Talen  
APPD: Sophia

CUSTOMER  
SIZE A4  
UNITS MM  
SCALE  
SHEET N:A 1/1