

HSF



1. Materials and finished:

Housing:LCP.black plastic(UL94V-0)
 Shell:Copper Alloy Nickel plating
 Terminal: copper alloy gold plating on contact
 area tin plating on solder tail

2. ELECTRICAL CHARACTERISTICS:

Current rating:1.5A AC/DC
 Dielectric withstanding:500V AC MIN
 Contact resistance:30mΩ max for pin1&pin4
 Insulation resistance:1000mΩ min
 Operation temperature:-55°C~+85°C

3. Mechanical Characteristics:

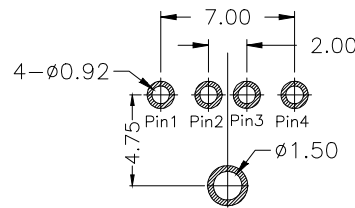
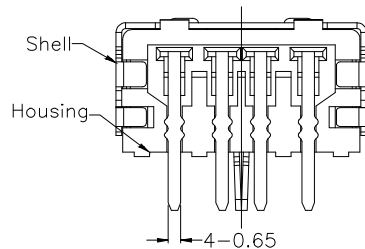
Mate force:3.57kgf (MAX)
 Unmate force:1.02kgf (MIN)
 Terminal retenion:1.0kgf (MIN)

Ordering Code:

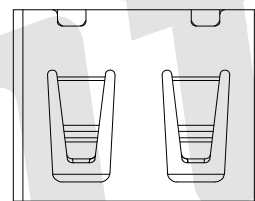
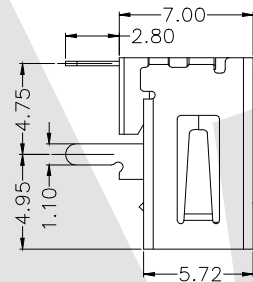
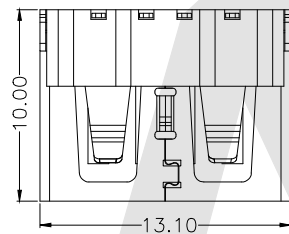
UAFR32- X - X - X - X - X - X

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No:
- ② Shell Material:
 B:Brass
 I:Iron
 S:stainless steel
- ③ Insulator Material:
 P:PBT+30%GF
 L:LCP
- ④ Contact Material:
 B:Brass
 P:phosphor copper
- ⑤ Contact Plating:
 G0: Gold flash
 G1: 3u" Gold
 G2: 5u" Gold
 G3: 10u" Gold
 G4: 15u" Gold
 G5: 30u" Gold
- ⑥ Color Insulator:
 A:White
 B:Black
- ⑦ Packing:
 A:Tray
 B:Bag
 C:Tube
 D:Tape & Reel

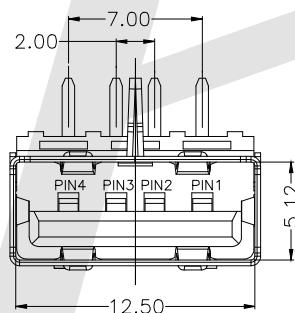


RECOMMENDED PCB LAYOUT(TOP VIEW)
 GENERAL TOLERANCES:±0.05



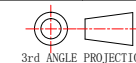
Pin Assignment

Pin No.	Signal Name	Pin1
Pin1	VBUS	Red
Pin2	Data-	White
Pin3	Data+	Green
Pin4	Ground	Black
Shell	Shield	Drain wire



Unless Otherwise specified tolerance
 X. ±0.35 X.XX:±0.20
 X.X:±0.25 X.XXX:±0.15

SCALE: Wu Feng Rong UNIT: mm
 DRAW Lv Xun Hua DATE 17/06/2019
 CHECK BobYang DATE 17/06/2019



Antenk ANTENK ELECTRONICS CO.,LTD
 Http://www.antenk.com
 E-mail:sales@antenk.com

TITLE: UAFR32-USB A Type Receptacle Right
 Angle DIP Short Body 10.0MM(1leg)

DRAWING NO: UAFR32-XXXXXX

PRODUCT NO: UAFR32-XXXXXX

REV	DESCRIPTION	DATE