

RoHS COMPLIAN

NOTE:

1. MATERIAL:

- 1.1 INSULATOR:HIGH TEMPERATURE PLASTIC PA9T ;BLUE
- 1.2 CONTACT:COPPER ALLOY(T=0.20mm)
- 1.3 SHELL:SUS201(T=0.30mm)

ELECTRICAL CHARACTERISTICS;

- 2.1 CONTACTRESISTANCE:30mΩ Max
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:100 V R. M. S.
- 2.4 INSULATION RESISTANCE 100 MEGOHMS Min
- 2.5 OPERATING TEMPERATURE:-25° C ~ 75° C

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:35 N Max
- 3.2 UNMATED FORCE:10 N Min
- 3.3 DURABILITY MANDATORY:1,500 CYCLES

4. PLATING

- 4.1 TERMINAL CONTACT:(SEE TAB) GOLD PLATING ALL OVER 50u"MIN NICKEL AND 80u"MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA
- 4.2 SHELL:80u"MIN. NICEL ALL OVER

PART NO. INFORMATION

USB-G F 09 A B 01

SERIES CODE

FEMALE

Mould FLOW NO.

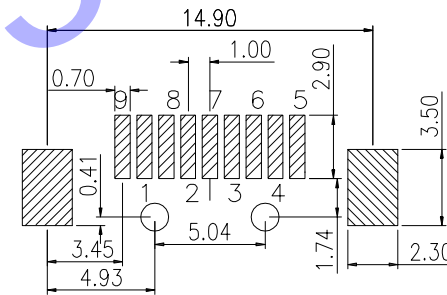
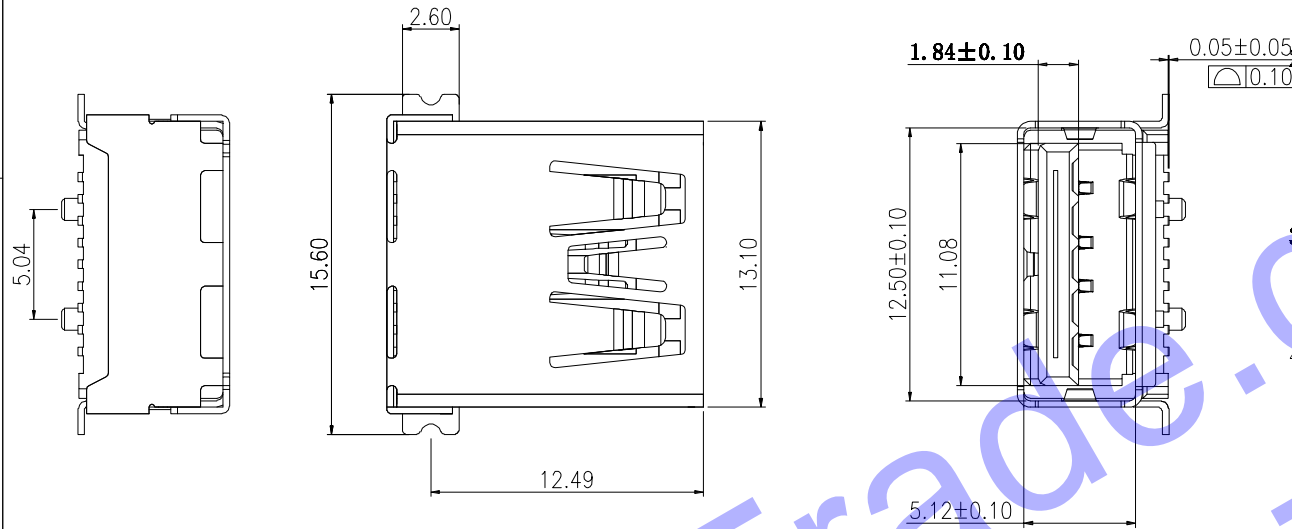
FLOW NO.

MATERIAL: A: LCP C: PA9T

PLATING:

- 1: G/F 4: Gold 10u"
- 2: Gold 3u" 5: Gold 15u"
- 3: Gold 5u" 6: Gold 30u"

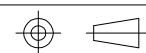
COLOR: 5: BLACK C: Green



P.C.B LAYOUT

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENC
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

QUALITY SYMBOLS
 ■: CRITICAL
 ▽: ZERO DEFECT
 ☒: MAJOR
 ▽: S.P.C



UNIT mm

SCALE 3:1

TOLERANCES
 DIM. ±0.30
 ANGLE: 3°

ITEM APPROVED
 DESC CHECKED
 Q'TY DESIGN

MATERIAL

DRAWN PART NO.

REMARKS USB-G09AB01

PART REMARKS SHT 1/1

HDC电子有限公司

DESCRIPTION USB 3.0 AF 90度 DIP H=5.7 L=13.7 CL=2.86mm

DRAWING NO. USB-A33

REV A

【客户用图】