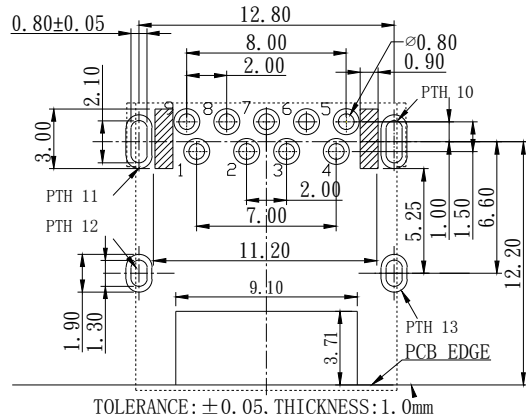
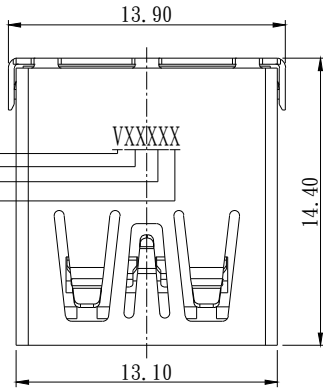


USB3.1 Gen2(10G)

LOGO
年数的后两位。如2013为“13”
周数“01.....”
DAY“1.....7”星期——星期日



TOLERANCE: ±0.05, THICKNESS: 1.0mm
RECOMMENDED PCB LAYOUT
(TOP VIEW)
KEEP OUT AREA

NOTES:

1. MATERIAL:

- 1.1 Housing: PA9T UL94V-0, Color:Blue 300C
- 1.2 Contact: C2680, (T=0.20mm.)
- 1.3 Shell: SUS201, (T=0.30mm.)

2. PLATING:

- 2.1 Contact:
Pd/Ni 30u" + Au 2u" Plated on Contact Area
Matt-Sn 80u" Plated on Solder Tails
Ni 50u" min UnderPlated
- 2.2 Shell: Ni 50u" min Plated All Over

3. MECHANICAL CHARACTERISTIC

- 3.1 Mating Force: 35N Max
- 3.2 Unmating Force: 10N~25N Min
- 3.3 Durability: 5000 Cycles.

4. ELECTRICAL CHARACTERISTIC

- 4.1 Contact current Rating:
1.8 Amperes for pin1&pin4.
0.25 Amperes other contacts
- 4.2 Contact Resistance: 30m Ohm Max.
- 4.3 Insulation Resistance: 1000M Ohm Min
- 4.4 Dielectric Withstanding Voltage:
500V AC Min

5. TEMPERATURE

- 5.1 Operating Temperature: -40° C ~ +85° C

6. Insertion Force Of Conn Into PCB 2kgf Max.

7. SALT SPRAY 48HR PASS

PART:

1D 1 - 1 1 B - 8 04 - H

1D : USB3.1

1 : FOR SINGLE

1 : FOR 90° DIP

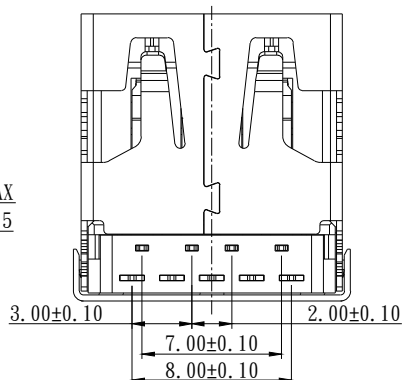
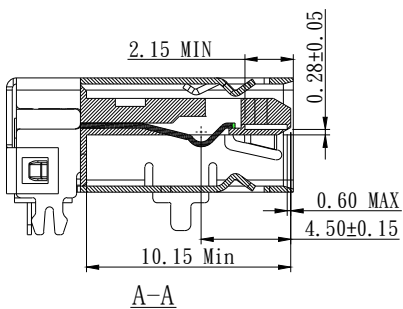
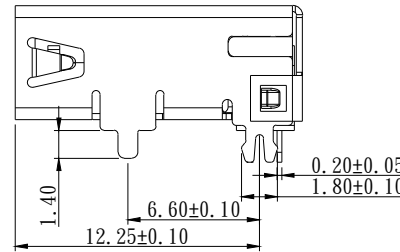
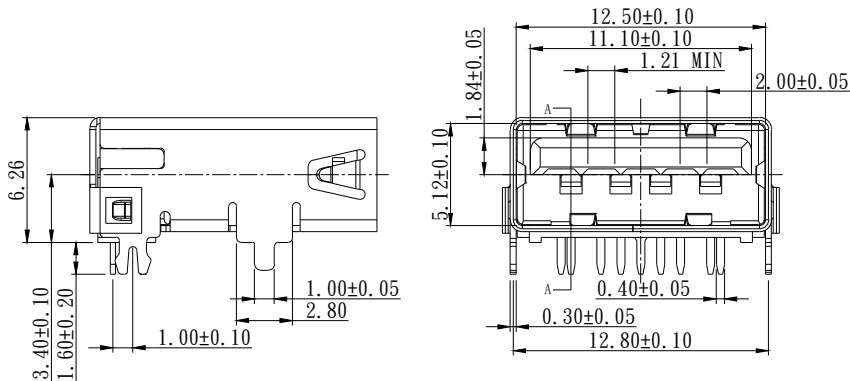
1 : FOR SUS201

B : FOR BLUE 300C

8 : FOR Pd/Ni 30u" + Au 2u"

04 : SERIES NO.

H : FOR LEAD/HALOGEN FREE



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

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VITETECH CO., LTD

REV.	ECN. NO.	APP.	DATE
A	Official Publish	OW	MAY/25/11

RoHS COMPLIANT			
DIMENSION CLASSIFICATION			
◎:CRITICAL ⊕:MAJOR ():REFERENCE			
REVISED	A	APPROVE	DATE
DRAW	CHK'D	JACK	ALAN
OW			MAY/25/11

PRODUCT CUSTOMER COPY	
SCALE	SHEET
1:1	
GENERAL TOLERANCE	
X. ±0.50	.X ±0.25
.XX ±0.20	
.XXX ±0.05	
X.'	.X'

PART NO: 1D1-11B-804-H
DWG NAME: USB3.1 AF STD CL3.40mm L14.4mm H6.26 DIP TYPE