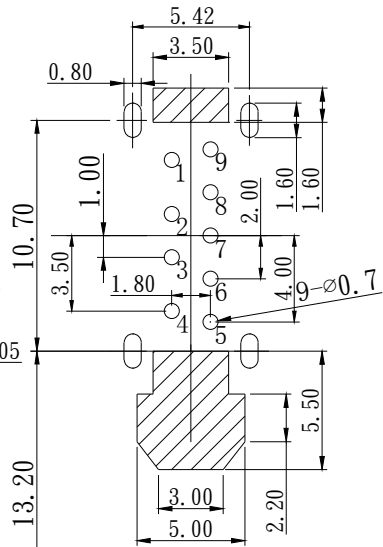


Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield



PCB LAYOUT (TOP VIEW)

NOTES:

- MATERIAL SPECIFICATION:
 - HOUSING: PA9T UL94 V-0 COLOR: BLUE 300C
 - CONTACT: C2680 (T=0.20mm)
 - SHELL: SUS304. (T=0.30mm)
- PLATING SPECIFICATION:
 - CONTACT:
 - Au(15u") PLATING ON CONTACT AREA
 - Ni(70u" MIN.) PLATING OVERALL
 - Sn(80u" MIN.) PLATING ON SOLDER AREA
 - SHELL:
 - Ni(50u" MIN.) PLATING OVERALL
- SPECIFICATIONS:
 - Contact current Rating:
 - 1.8 Amperes for pin1&pin4.
 - 0.25 Amperes other contacts
 - Dielectric Withstanding Voltage:
 - AC 100V (RMS)
 - Insulation resistance: 100MΩ Min.
 - Contact Resistance:
 - 30mΩ Max for pin1&pin4
 - 50mΩ Max for other contacts
 - Mechanical Characteristics:
 - Mating Force: 35 N. Max
 - Unmating Force: 10~25 N.
 - Durability: 5000 Cycles.
 - Operating Temperature: -40°C+105°C
 - IR Reflow temperatur: 260°C for 10 seconds
3 cycles
- SALT SPRAY 48HR PASS.

PART NO:

14 1 - 5 3 B - 5 31 - H
 14 : USB 3.0
 1 : FOR FEMALE

 5 : FOR UPRIGHT
 3 : FOR SUS304
 B : FOR COLOR BLUE

 5 : FOR 15u"
 31 : SERIES NO.

H : FOR LEAD/HALOGEN FREE

廷奕科技股份有限公司
 VITETECH CO., LTD

REV.	ECN.NO.	APP.	DATE
A	Official Publish	OW	MAY/24/11

RoHS COMPLIANT			
DIMENSION CLASSIFICATION			
⊙: CRITICAL ⊕: MAJOR < : REFERENCE			
REVISED	A	APPROVE	DATE
DRAW	CHK'D	JACK	ALAN
OW	JACK	ALAN	MAY/24/11

PRODUCT CUSTOMER COPY	
SCALE	SHEET
1:1	
GENERAL TOLERANCE	
X.±0.50	.X ±0.25
.XX ±0.15	
.XXX ±0.05	
X.'	.X'

PART NO:
141-53B-531-H
DWG NAME:
USB 3.0 AF侧插90度