

USB TYPE A PINOUT	
PIN	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

### SPECIFICATIONS

- Contact current Rating
  - 1.8 Amperes for pin 1 & pin4
  - 0.25 Amperes other contacts
- Dielectric Withstanding Voltage: AC 100V(RMS)
- Insulation resistance: 100megohms Minimum
- Contact Resistance
  - 30mohm Max for pin1 & pin4
  - 50mohm max for other contacts
- Mechanical Characteristics:
  - Mating Force: 35 Newtoms Maximum
  - Unmating Force: 10 Newtoms Minimum
  - 8N Min After Durability

### MATERIAL:

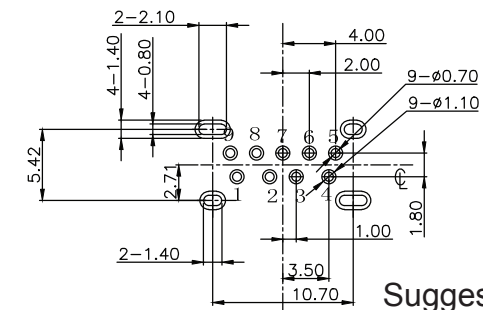
- Housing: PBT+30%GF 94v-0 COLOR: BLUE
- Contact: copper alloy( T=0.25mm)
- Shell: SUS

### PLATING:

- Contact: 15u" Plated on contact area
- Tin Plated on solder area
- Nickel underplating over all

Shell: Nickel Plated

Operating Temperature: -55°C to +85°C



Suggested PCB Layout

PART NO.: PUBS-9PS-04AF-06	
APPROVED BY: TSLee	
REV.: A	UNIT: mm
DRAFTED BY: XiaoMing	DATE: 2018.1.26

REV.:	CONTENTS	DATE
A	NEW	2018.1.26

REVISION HISTORY

