



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: 6u" 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-03	
APPROVED BY: TSLee	
REV.: A	UNIT: mm
DRAFTED BY: XiaoMing	DATE: 2018.1.26



REV.:	CONTENTS	DATE
A	NEW	2018.1.26

REVISION HISTORY