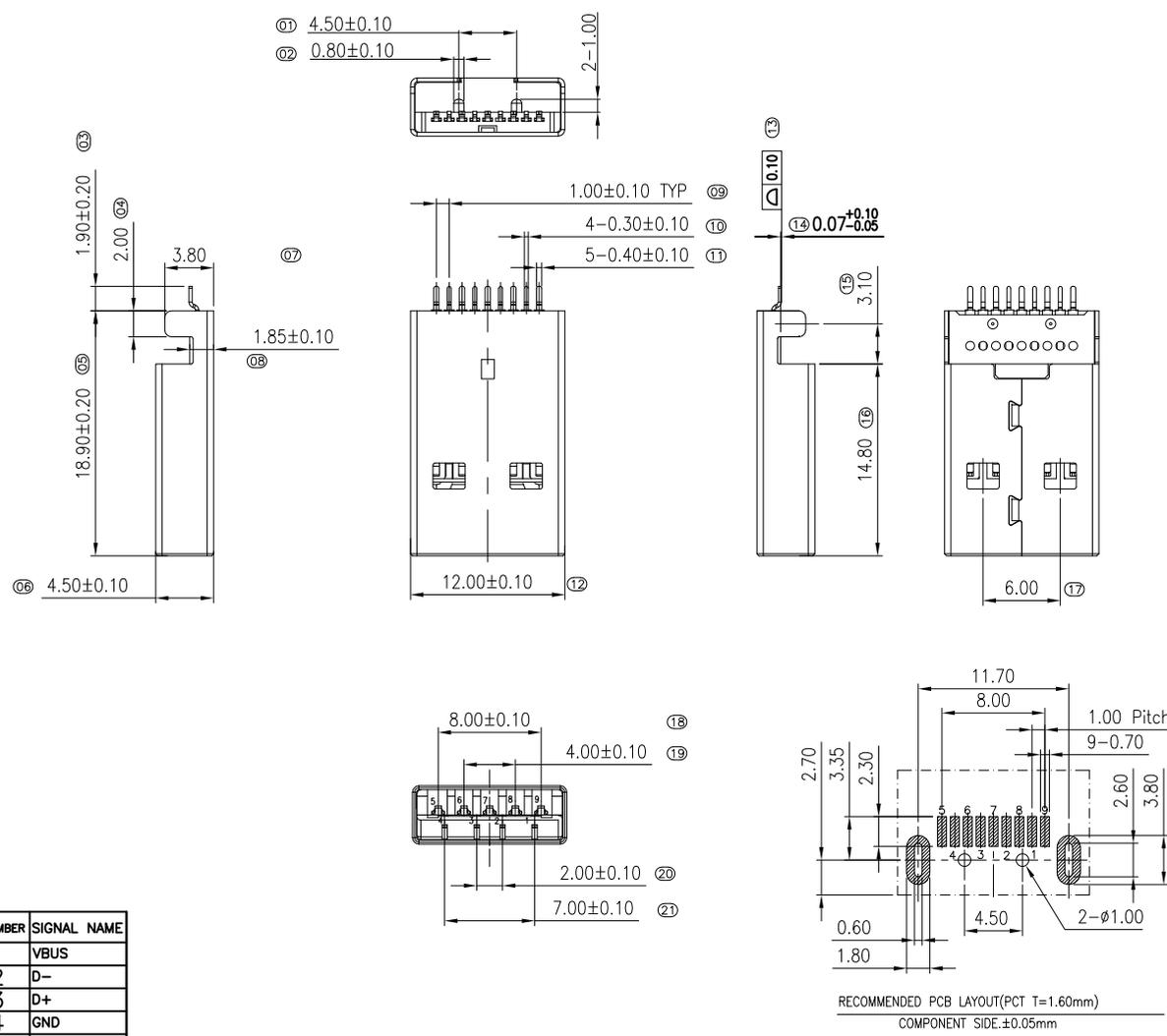


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SPECIFICATIONS:

1.0 Electrical Performance:

1.1 Contact current Rating:
1.80 Amperes for VBUS and GND contacts
0.25 Amperes for all other contacts

1.2 Dielectric Withstanding Voltage:AC 100V/minute

1.3 Insulation resistance:100M ohms Min

1.4 Contact Resistance:
30m ohm Max for VBUS and GND contacts
50m ohm Max for all other contacts

1.5 Voltage Rating : 30 Vac (rms)

2.0 Mechanical Performance:

2.1 Mating Force:35N Max

2.2 Unmating Force:10N Min;8N Min After Durability.

2.3 Durability:1500 cycles

3.0 Environmental Performance:

3.1 Temperature Range:
3.1.1 Operating Temperature:-55° C to+85° C
3.1.2 Storage Temperature:-20° C to+60° C
3.2 Salt Spray 24h Min

4.0 MATERIAL:

4.1 Housing:LCP, Color:Blue UL94 V-0

4.2 Contact:3.0 Contacts C5191

4.3 Shell:SPCC

5.0 PLATING:

5.1 Contact:Au 1u" Plated on contact area
Tin 100u" Plated on solder area
Nickel 50u" Plated underplating over all.

5.2 Shell: Nickel 50u"Min plating over all.

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



Champyang International Ltd., Co

A0	RELEASED	Allen	2020-01-06
REV	DESCRIPTION.	APPD.	Date

FILE NO : AU306 (Series)		TITLE 圖名		USB AM 3.0 SMT L=1.9 直腳		UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm		PART NO. 料號		AU306-0109-142-S		SCALE 比例	1:1
		DRAWN BY 製圖		Ben	DATE 日期	2020-01-06	REV. 版本
		CHECKED BY 審核		Allen	DATE 日期	2020-01-06	⊙ □