



NOTES:

1.MATERIAL:

- 1.1 HOUSING: PBT+30%G.F UL94V-0,BLUE COLOR.
- 1.2 4PIN CONTACT: PHOSPHOR BRONZE.
- 1.3 5PIN CONTACT: BRASS.
- 1.4 SHELL: BRASS

2.FINISH:

- 2.1 CONTACT:
  - CONTACT AREA:15u"MIN Au PLATED
  - SOLDER AREA: 100u"MIN TIN PLATED
  - UNDER PLATE: 50u"MIN NI PLATED
- 2.2 SHELL: 80u"MIN NI PLATED

3. MECHANICAL:

- 3.1 MATING FORCE: 3.57kgf MAX.
- 3.2 UNMATING FORCE: 1.02kgf MIN
- 3.3 DURABILITY: 1500 CYCLES MIN

4. ELECTRICAL:

- 4.1 CURRENT RATING:1.0A.
- 4.2 DIELECTRIC STRENGTH: 500V AC FOR 1MINUTE.
- 4.3 CONTACT RESISTANCE: 30mΩ MAX.
- 4.4 INSULATION RESISTANCE: 100MΩ MIN
- 4.5 VOLTAGE RATING: 30VAC

5. OPERATING TEMPERATURE: -55°C TO +85°C.

- ② SOLDERING TEMPERATURE: +235°C,5s max
- ② 6. PACKING: TRAY

③

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

**RoHS compliant**

Unit:mm

Scale	Free	Date	Name
① TOLERANCE		Drawn	18.02.2014 Ray
.X	±0.38	③ Add Pin Assignment	16.12.2020 Luca Approved
.XX	±0.25		16.12.2020 Luca
.XXX	±0.10	② Update	14.11.2019 Carson
DIM	TOL	① Update dimension and tolerance	30.07.2019 Xavier
X.°	±5°	① Drawn	18.02.2014 Ray
Angle	TOL		
UNIT	mm	Id.	Modification
		Date	Name



Description: USB Connector  
USB3.0 9PIN/DIP TYPE/ 90°

ASSMANN WSW-No.  
**AU-Y1005-3**

Drawing-No.  
**ASS 6300 CO** rev03

Customer-No. SHEET  
1/1

1

2

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