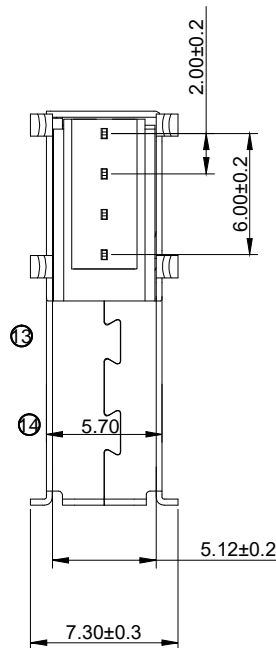
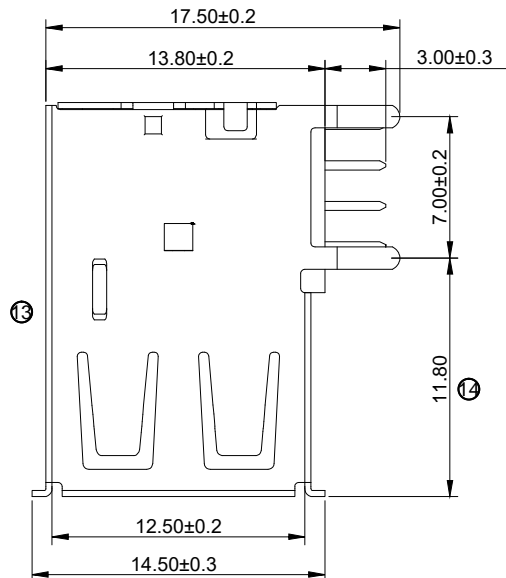
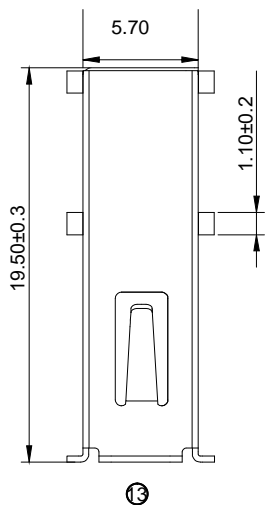
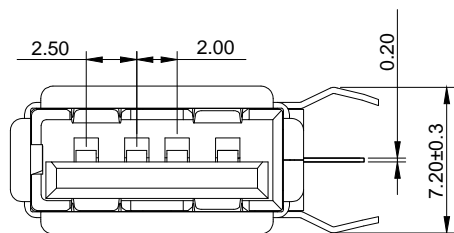
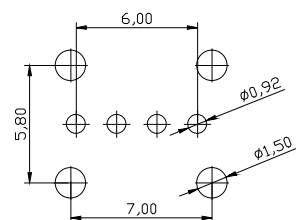


⑤ **USB 2.0 COMPLIANT**




NOTES:

- ① 1.Material:
 - 1.1 Housing: PBT+30%GF UL94V-0,
 - LCP+30%GF UL94V-0,
 - 1.2 Cover: PBT +30%GF UL94V-0,
 - LCP+30%GF UL94V-0,
 - ③ 1.3 Shell: Copper Alloy C2680
- ② 2. FINISH:
 - ⑬ 1.4 Contact :Copper Alloy C2680 T=0.25mm
 - Contact:
 - 2.1 Contact Area: 1u"Au-flash/Selective
 - 30u"Au/Selective
 - ⑮ Solder Area: Bright Tin Plated
 - Under: Ni Plated
 - ⑯ Shell: Nickel 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:1.5A
 - 4.2 Dielectric Strength:500V AC FOR 1 MINUTE
 - ⑥ 4.3 Contact Resistance:30mΩ Max
 - 4.4 Insulation Resistance:1000 MΩ Min
 - ⑩ 4.5 Voltage Rating:30VAC
 - 5.Operating temperature: -55°C TO +85°C
 - ⑩ 6.For wave soldering temperature : 235°C, 5sec max
 - ⑫ For reflow soldering temperature: 260°C, 5sec max
 - ⑫ 7.PACKING: Tray



⑬ **RECOMMENDED PCB LAYOUT(TOP VIEW)**
GENERAL TOLERANCES:±0.05

WSW-P/N	Plating	Housing /Cover	Soldering Style
A-USB A-E	Gold Flash Selective Bright Tin	PBT+30%GF(White)	THT(Wave soldering)
A-USB A-E-BK		PBT+30%GF(Black)	THT(Wave soldering)
A-USB A-E-THR		LCP+30%GF(White)	THR(Reflow soldering)
A-USB A-E-THR-BK		LCP+30%GF(Black)	THR(Reflow soldering)
A-USB/2-A-E	30u"Gold Selective Bright Tin	PBT+30%GF(White)	THT(Wave soldering)
A-USB/2-A-E-BK		PBT+30%GF(Black)	THT(Wave soldering)
A-USB/2-A-E-THR		LCP+30%GF(White)	THR(Reflow soldering)
A-USB/2-A-E-THR-BK		LCP+30%GF(Black)	THR(Reflow soldering)

G	Scale	Free	⑮	Add 2 new dimensions	12.09.2024	Winnie	Date	Name	Description: USB 2.0 Connector Female / A-type / 4Pin / Side 90°
H	X.X	±0.3	⑬	Update	26.05.2021	Luca	Approved	12.09.2024	Winnie
	X.XX	±0.2	⑫	Update	26.11.2020	Luca			
	X.XXX	±0.1	⑪	Update PN	17.11.2020	Luca			
	ANG.	±5°	⑩	Update	31.10.2019	Carson			
	Angle	TOL	Id.	Modification	Date	Name			ASSMANN WSW-No. A-USB A-E-x-x A-USB/2-A-E-x-x ⑫
									Drawing-No. ASS 1413B CO
									Customer-No. SHEET