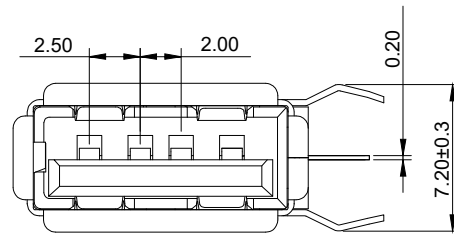
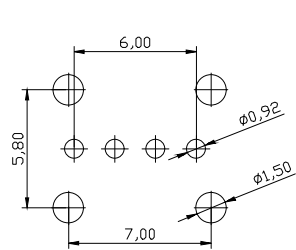
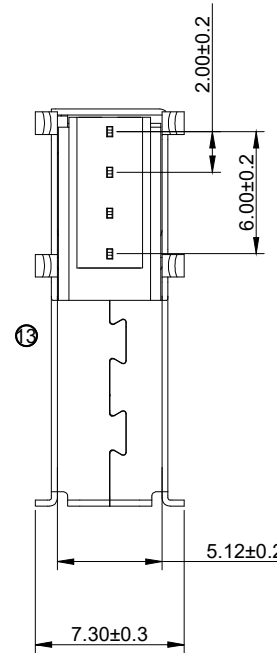
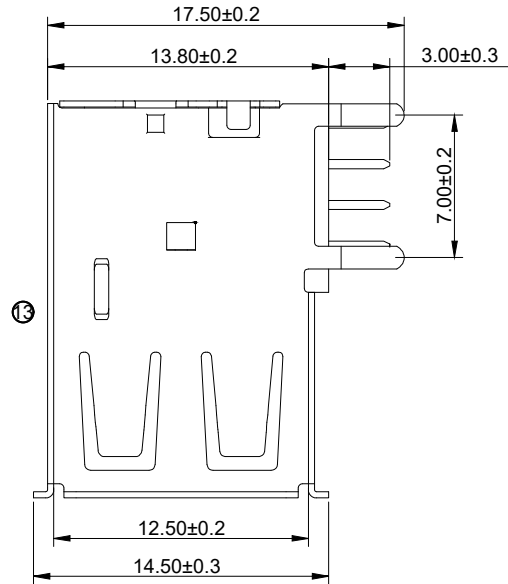
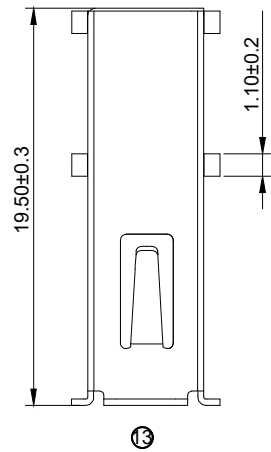


⑤ **USB 2.0 COMPLIANT**



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

**NOTES:**

- ⑫ 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,
  - ⑬ 1.3 Shell: Copper Alloy C2680
  - ⑬ 1.4 Contact :Copper Alloy C2680
- 2. FINISH:
  - 2.1 Contact Area: 1u"Au-flash/Selective 30u"Au/Selective
  - Solder Area: Tin Plated
  - Under: 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:1.5A
  - 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

⑫⑬	WSW-P/N	Plating	Housing /Cover	Soldering Style
	A-USB A-E	Gold Flash Selective 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 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	RoHS compliant Unit:mm	Scale	Free	⑬	Update	26.05.2021	Luca	Date	Name	Description: USB 2.0 Connector Female / A-type / 4Pin / Side 90°	
		TOLERANCE		⑫	Update	26.11.2020	Luca				Drawn
		X.X	±0.3	⑪	Update PN	17.11.2020	Luca	Approved	26.05.2021	Luca	ASSMANN WSW-No. A-USB A-E-x-x A-USB/2-A-E-x-x⑫
		X.XX	±0.2	⑩	Update	31.10.2019	Carson				
		X.XXX	±0.1	⑨	Update dimension	14.03.2019	Winnie				Drawing-No.
DIM	TOL	8	Update Pin-number on recom. PCB	05.09.2017	S.Bölling	Customer-No.	SHEET				
ANG.	±5°	Id.	Modification	Date	Name						



Customer-No.	SHEET
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