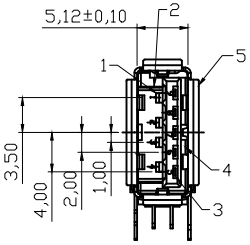
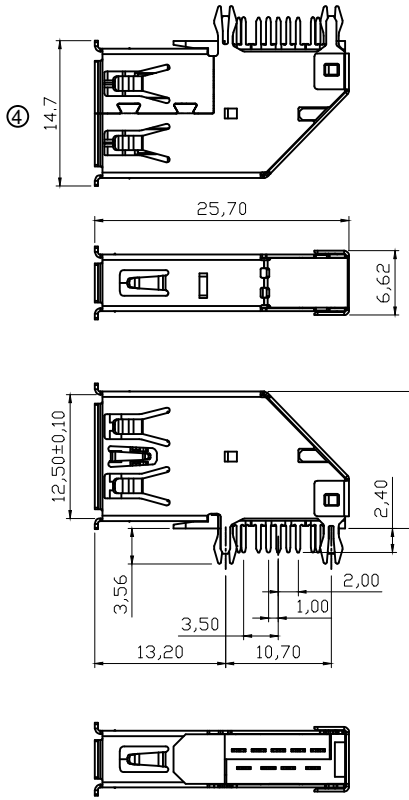
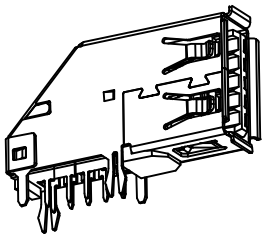
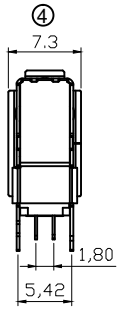
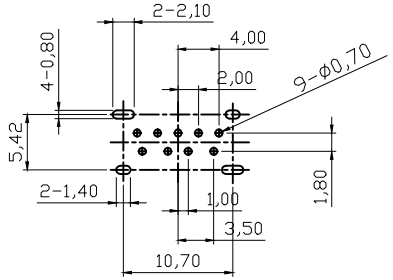
① **USB3.0 COMPLIANT**











Recommended PCB Layout
Tolerance For PCB Layout is ±0.05

Specifications:
② Current Rating: 1.8Amp For Pin1 & Pin4
0.25Amp other contacts
Insulation Resistance: 100Mohm Min
Dielectric Withstanding :100V(RMS)
Contact Resistance: 20mohm Max For Pin1 & Pin4
50mohm Max other contacts
③ Voltage Rating: 30VAC
② Mechanical Characteristics:
Mating Cycle:1500 cycle Min.
Mating Force: 35N Max
Un-mating Force: 10N Min
Operating Temperature: -55°C To + 85°C
③ Soldering Temperature: +235°C, 5s max.
Packing: Tray

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX
Shell	Shield	9	SSRT+

Item	Part Name		Material	Q'TY	Remark
1	4P Semi-manufactured goods	Housing	PBT	1	Blue UL94V-0
2		Contact	Copper Alloy	4	T=0.25 Selective 15u" Au/Tin
3	5P Semi-manufactured goods	Housing	PBT	1	Blue UL94V-0
4		Contact	Copper Alloy	5	T=0.25 Selective 15u" Au/Tin
5	Shell		SUS304-1/2H	1	T=0.30

RoHS compliant
Unit: mm

Scale	Free
④ TOLERANCE	
X.X	±0.38
X.XX	±0.25
X.XXX	±0.10
DIM	TOL
X.°	±5°
X.X°	±3°

Id.	Modification	Date	Name
④	Update dimensions and tolerance	16.10.2023	Luca
③	Update	08.11.2019	Carson
②	1.Change the Current Rating from 1.0A to be 1.8A 2.Add the Mating cycle	16.06.2017	Fred
①	Add the "USB3.0 COMPLIANT "	24.03.2014	Winnie
⓪	Drawn	14.03.2012	Lucas

	Date	Name
Drawn	14.03.2012	Lucas
Approved	16.10.2023	Luca

ASSMANN WSW components
A company of BCS

Description: USB3.0 AF Connector Side-mounting

ASSMANN WSW-No.
A-USB3 A-E

Drawing-No.
ASS 4708 CO

rev04

Customer-No.

Sheet

SV2729