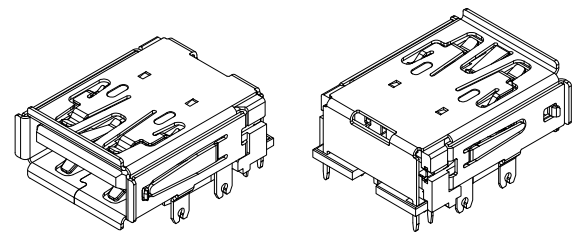
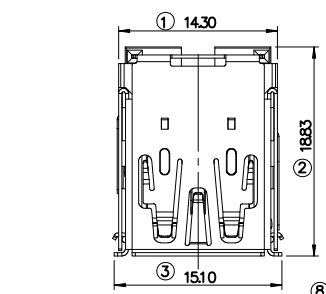


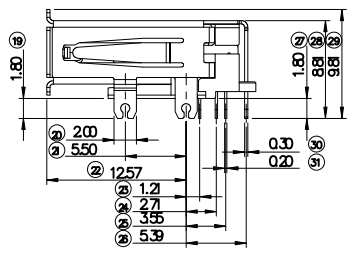
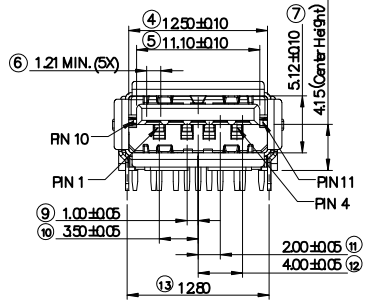
A
B
C
D
E
F
G
H

A
B
C
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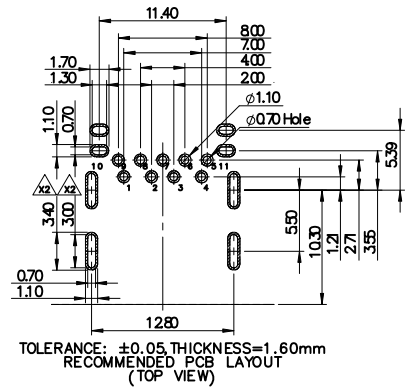
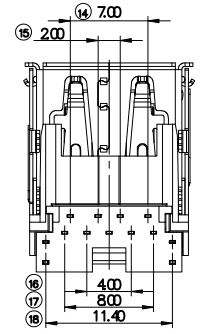
Specification:
 ① 1.Material:
 1.1> Insulation: PA9T, UL94V-0 Blue
 1.2> USB 2.0 Contact(1~4pin):Phosphor Bronze (C5191)
 1.3> USB 3.0 Contact (5~9pin):Brass (C2680)
 1.4> Contact area: 30u"Pd-Ni+2u"gold
 1.5> Solder tails area: 100u"200u"Tin(Matte)

2.Electrical:
 2.1> Insulation Resistance:100M Ω Min. @ 100 V DAC
 2.2> Contact Resistance: 30 mΩ(Max) initial for Vbus and GND contacts.
 50 mΩ(Max) initial for all other contacts.
 ① 2.3> Operating Voltage: 5VAC Max
 2.4> Current Rating:1.8Amp(Max)shall be applied to Vbus pin and its corresponding GND pin.
 0.25 Amp(Min) shall be applied to all the other contacts.



① 3.Mechanical
 3.1> Mating Cycle: 5,000 cycles min.
 3.2> Total Insertion Force: 35 N maximum at a maximum rate of 12.5 mm(0.492") per minute
 3.3> Total Withdrawal Force:10 N min initial and 8 N min after the specified insertion/extraction, or durability cycles (at a maximum rate of 12.5mm (0.492") per minute).
 3.4> Resistance to Soldering Heat: profile of peak temperature at 260 °C for 10sec above, and Time aboveliquid (>217 °C) for more than 60 sec.
 3.5> Temperature Range: -25°C to +105°C

4.Packing Style: TRAY




TOLERANCE: ±0.05 THICKNESS=1.60mm
 RECOMMENDED PCB LAYOUT
 (TOP VIEW)

Pin Assignments

| 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+ |
| 10 | PD_DETECT |
| 11 | INSERTION_DETECT |

RoHS compliant
 Unit: mm

| Scale | Free | | | | Date | Name | Customer-No. | |
|-----------|-------|-----|--|------------|------------|---|--|-------|
| TOLERANCE | | | | Drawn | 11.03.2015 | Winnie | ASSMANN WSW-No. AUSB1-AFN-BTP1 | |
| X. | ±0.50 | | | Approved | 16.06.2017 | Fred | | |
| X.X | ±0.30 | | | | | | | |
| X.XX | ±0.20 | | | | | | | |
| DIM | TOL | ① | 1.Add the Mechanical and voltage rating 2.Update Material | 16.06.2017 | Fred |  | Drawing-No. | |
| X.° | ±5° | ② | Drawn | 11.03.2015 | Winnie | | ASS 6770 CO | rev01 |
| Angle | TOL | Id. | Modification | Date | Name | | Replace | Sheet |