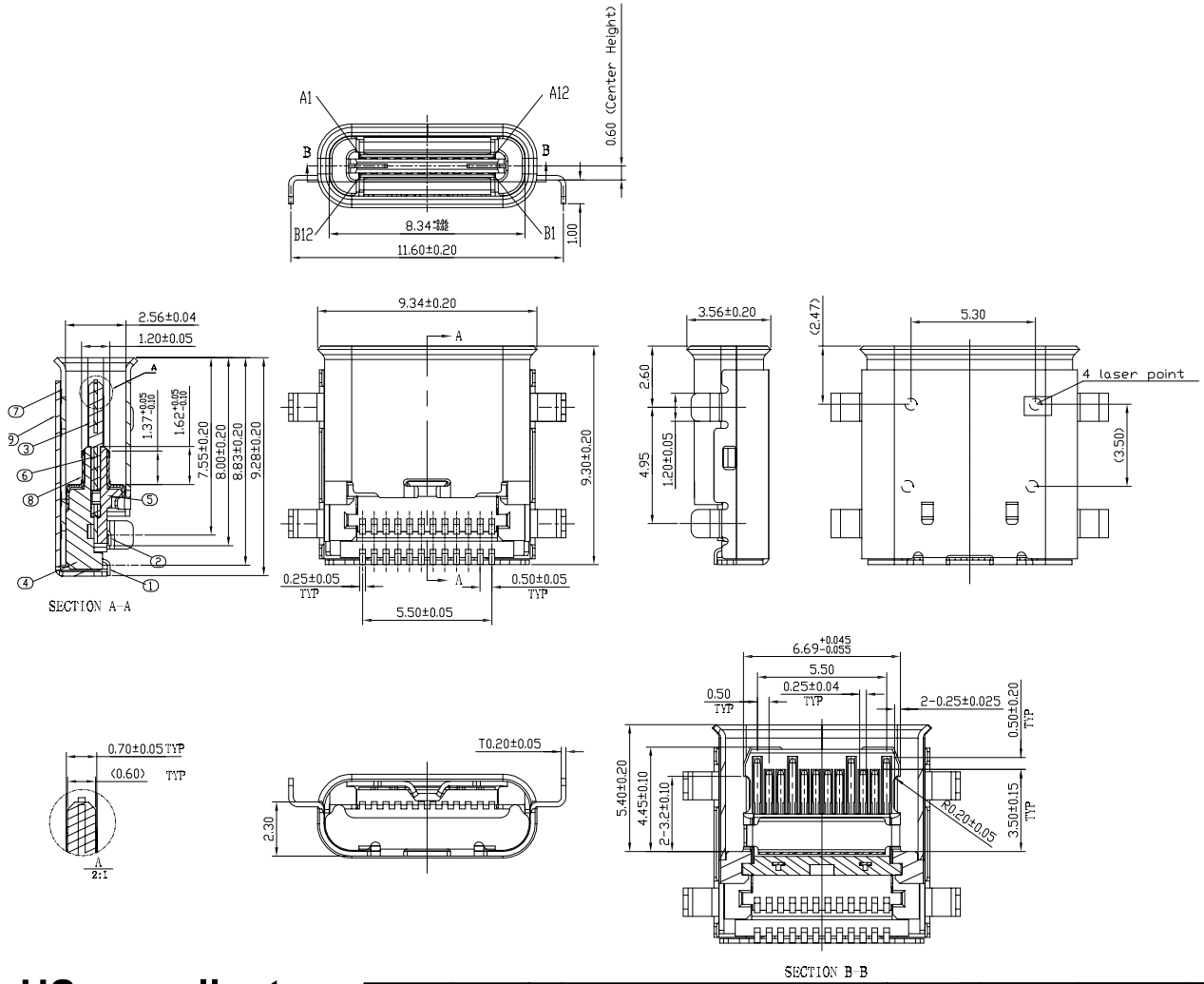


## Notes:

SPECIFICATION
MATERIAL
Insulator: Thermoplastic,Black
Contacts: Copper
Shell:Stainless Steel
CONTACT PLATING
Underplate: 50u"~100u" Nickel
Contact area: 15u" Selective gold,
Solder tails area: 100u"~150u" Tin (Lead Free)
ELECTRICAL
Operation voltage: 20 V
Current rating: 5 Amps max.
Insulation resistance: 100 Mohms min @ 100 VDC
Dielectric withstanding voltage: 100 VAC / minute
Temperature range: -40°C TO +105°C
Mating cycles: 10,000 cycles

**Packing: Tape&Reel**

**RoHS compliant**
**Unit: mm**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Scale | Free | | | | | Date | Name | Customer-No. |
| TOLERANCE | | | | | Drawn | 16.02.2016 | Winnie | |
| X. | ±0.50 | | | | Approved | 16.02.2016 | Winnie | ASSMANN WSW-No. AUSB1-DFN-HSR2 |
| X.X | ±0.30 | | | | | | | |
| X.XX | ±0.20 | | | | | | | Drawing-No. ASS 7133 CO rev00 |
| DIM | TOL | | | | | | | |
| X.° | ±5° | | | | | | | |
| | | 0 | Drawn | 16.02.2016 | Winnie | | | Replace Sheet 1/2 |
| Angle | TOL | Id. | Modification | Date | Name | | | |

ASSMANN wsw components

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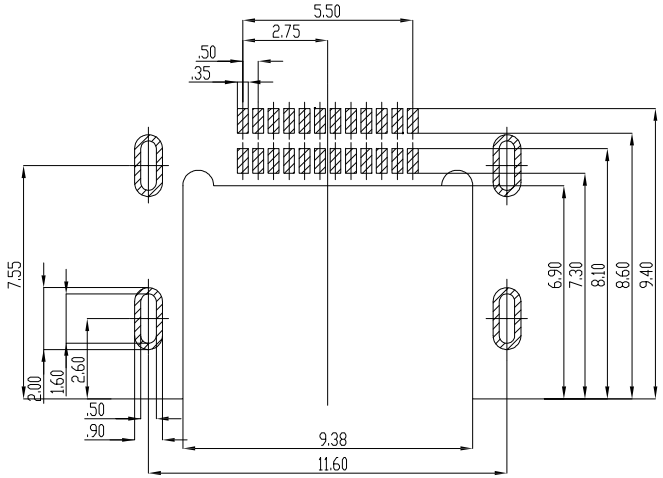
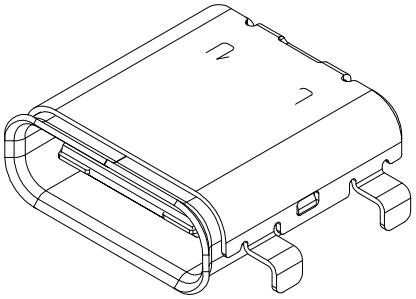
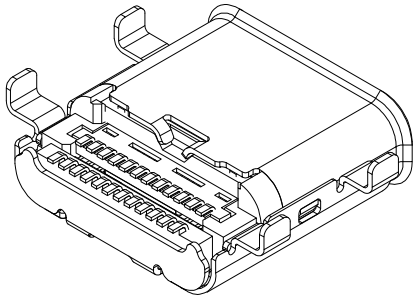
USB TYPE -C Pin Assignments

| Pin Number | Signal Name | Pin Number | Signal Name |
|---|---|---|---|
| A1 | GND | B12 | GND |
| A2 | SSTXp1 | B11 | SSRXp1 |
| A3 | SSTXn1 | B10 | SSRXn1 |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | Dp1 | B7 | Dn2 |
| A7 | Dn1 | B6 | Dp2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A10 | SSRXn2 | B3 | SSTXn2 |
| A11 | SSRXp2 | B2 | SSTXp2 |
| A12 | GND | B1 | GND |




Recomanded PCB
LAYOUT
Tolance ±0.05
PCB Thickness=1.00mm





**RoHS compliant**
**Unit: mm**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Scale | Free | | | | | | Date | Name | Customer-No. |
| TOLERANCE | | | | | | Drawn | 16.02.2016 | Winnie | |
| X. | ±0.50 | | | | | | | | |
| X.X | ±0.30 | | | | | Approved | 16.02.2016 | Winnie | ASSMANN WSW-No. AUSB1-DFN-HSR2 |
| X.XX | ±0.20 | | | | | | | | |
| DIM | TOL | | | | | | | | Drawing-No. |
| X.° | ±5° | | | | | | | | ASS 7133 CO rev00 |
| | | ⓪ | Drawn | 16.02.2016 | Winnie | | | | |
| Angle | TOL | Id. | Modification | Date | Name | | | | Replace / Sheet 2/2 |

ASSMANN wsw components

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