

A

B

C

D

E

F

A

B

C

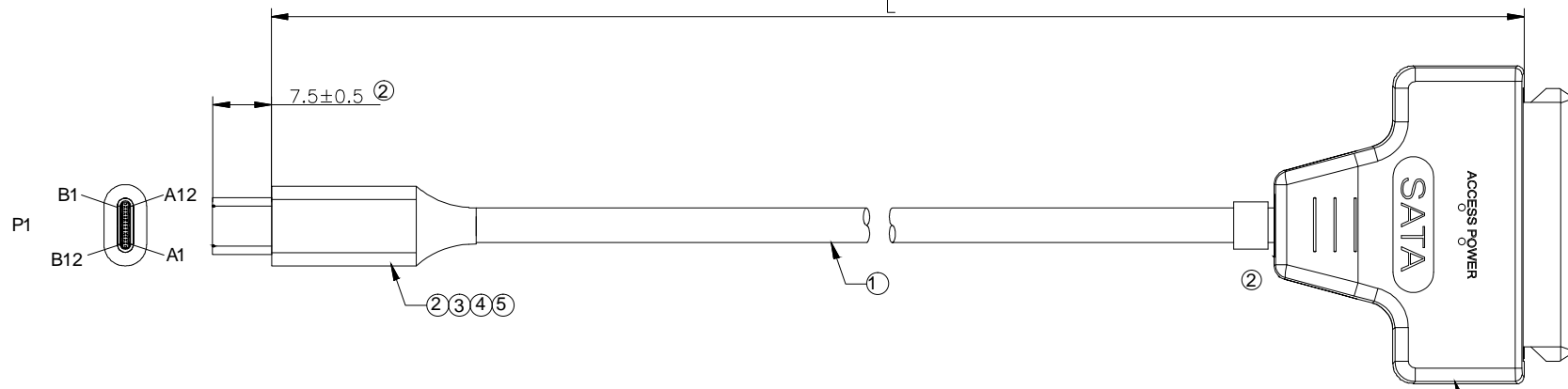
D

E

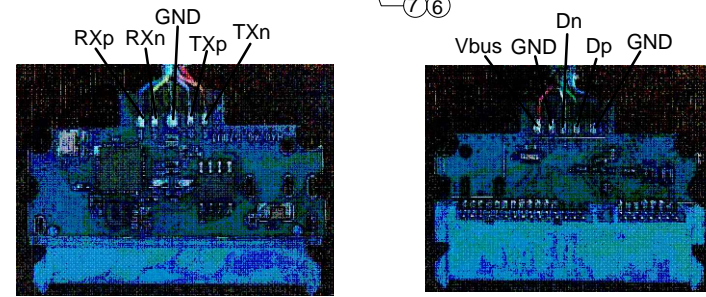
F

G

H



| PN | L |
|------------------|---------|
| A-USB31C-03M-100 | 1000±30 |
| A-USB31C-03M-030 | 300±15 |



PCB FRONT SIDE ③

PCB BACK SIDE ③

PIN ASSIGNMENT ③

| P1 | | P2 |
|---------------|--------|------|
| A4,B4,A9,B9 | RED | Vbus |
| A7 | WHITE | Dn |
| A6 | GREEN | Dp |
| A1,B1,A12,B12 | BLACK | GND |
| A3 | BLUE | RXp |
| A2 | YELLOW | RXn |
| A1,B1,A12,B12 | DRAIN | GND |
| B10 | PURPLE | TXp |
| B11 | ORANGE | TXn |
| A1,B1,A12,B12 | DRAIN | GND |

NOTE:
 1. Transmission speed: 5Gbps
 2. Conductive resistance: 2Ω Max
 3. Insulation resistance: 10MΩ Min/300VDC, 10ms
 4. 100% open, short, miswire test.

| | | | | |
|-----|-------------|--|------|------|
| △ | Shell | SATA outer shell black insulator | 1 | SET |
| △ | SATA | SATA 7+15, with PCB, blue insulator | 1 | PCS |
| △ | Over mold | PVC BLACK | NA | G |
| △ | Inner mold | LD-PE | NA | G |
| △ | Copper foil | Copper foil, W=4mm | NA | MM |
| △ | CONN | Type-C 3.1, with 5.1K, 10nF, pin gold 1u" min, shell nickel plated | 1 | PCS |
| △ | CABLE | (30AWG*1P+D+AL-Mylar)*2C+30AWG*1P+26AWG*2C +D+A,VW-1, OD4.5mm, BLACK ③ | 1 | PCS |
| NO. | NAME | DESCRIPTION | Q'TY | UNIT |

RoHS compliant
Unit: mm

| Scale | Free | Date | Name | Customer-No. |
|-----------|------|---------------------------------|----------------------|--------------|
| TOLERANCE | | 09.12.2022 | Daniel | |
| | ③ | Update cable and pin assignment | 19.07.2023 | Luca |
| | ② | Update dimension and SR | 26.06.2023 | Luca |
| DIM | TOL | ① | Update design and PN | 24.04.2023 |
| | | ① | Drawn | 09.12.2022 |
| Angle | TOL | Id. | Modification | Date |

ASSMANN WSW-No.
A-USB31C-03M-xxx

Drawing-No.
ASS 10359 CA

Replace

rev03

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