

1  
**HALOGEN FREE**

2

3

4

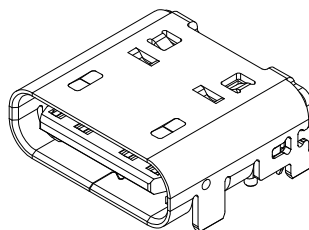
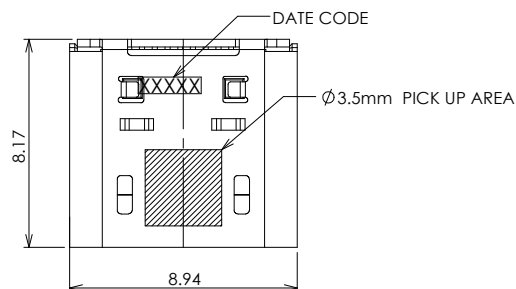
5

6

7

8

| REV. | ECR#          | DESCRIPTION                  | DATE     | DRAWN | CHECKED   | APPROVED |
|------|---------------|------------------------------|----------|-------|-----------|----------|
| X1   | SZECR17071    | NEW PRELIMINARY PER NPR17013 | 04/22/17 | WX    | Alan.Tsai | ROGER    |
| X2   | SZECR17071-01 | X1.DX1.MX1                   | 02/07/18 | WX    | Alan.Tsai | ROGER    |
| X3   | SZECR17071-02 | X4.AX2.MX2                   | 03/07/18 | WX    |           |          |



DATE CODE :

L X X X  
① ② ③ ④

1. factory  
(L:longgang T:tianjin K:kunshan)

2. year(16-->6 17-->7 1X-->X)

3. week(01~53)

4. day(1~7)

word pitch =0.2mm / word high=1.0mm

TABLE A : PRODUCT NUMBERING CODE

NBR23 - A K X V 2 1  
① ② ③ ④ ⑤ ⑥

① CONNECTOR TYPE:  
NBR23 : USB TYPE-C RECEP. R/A CONN.

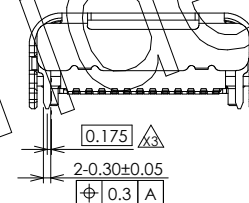
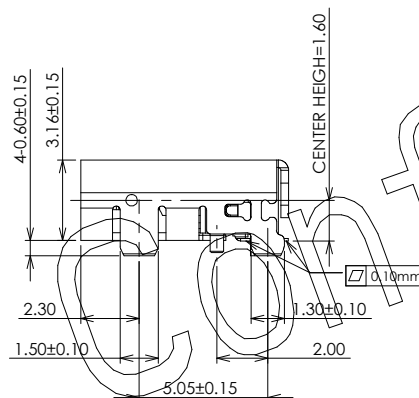
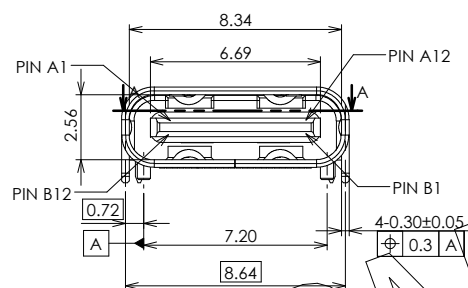
② NO. OF POSTION :  
A : 24 POSITIONS.

③ COLOR OF INSULATOR :  
K : BLACK

④ PLATING OF CONTACT :  
1: GOLD FLASH ON CONTACT AREA.  
5 : Au 300" PLATING ON CONTACT AREA.

⑤ PLATING OF SHELL :  
V : SOLDERING NICKEL

⑥ OTHER:  
1: CUT SHELL CLIPS



R&D Dept./Conn. Div.

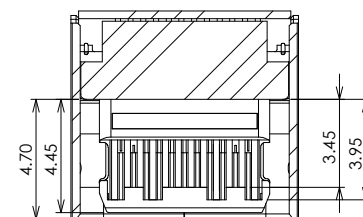
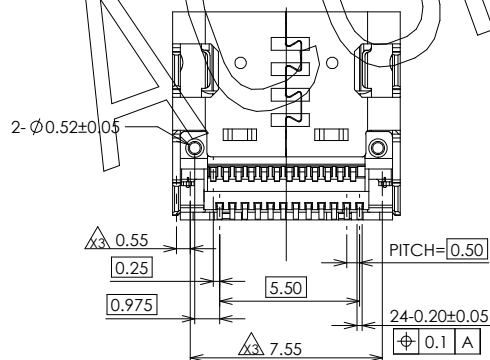
**Release**

ISSUED PER SZECR17071-02

- Confidential, ACON's Intellectual Property,  
No further disclosure to other parties

CHECKED

APPROVED



剖面圖 A-A

| PIN NO.     | A1  | A2     | A3     | A4   | A5   | A6  | A7  | A8   | A9   | A10    | A11    | A12 |
|-------------|-----|--------|--------|------|------|-----|-----|------|------|--------|--------|-----|
| SIGNAL NAME | GND | SSTXp1 | SSTXn1 | VBUS | CC1  | Dp1 | Dn1 | SBU1 | VBUS | SSRXn2 | SSRXp2 | GND |
| PIN NO.     | B12 | B11    | B10    | B9   | B8   | B7  | B6  | B5   | B4   | B3     | B2     | B1  |
| SIGNAL NAME | GND | SSRXp1 | SSRXn1 | VBUS | SBU2 | Dn2 | Dp2 | CC2  | VBUS | SSTXn2 | SSTXp2 | GND |

|                                                                                       |              |           |               |                                                                                                                  |
|---------------------------------------------------------------------------------------|--------------|-----------|---------------|------------------------------------------------------------------------------------------------------------------|
| 4                                                                                     | SHELL        | 1         | S-NBR23-10X0X | MATAL/SOLDERINGNi PLATED                                                                                         |
| 3                                                                                     | GROUND PLATE | 1         | H-NBR23-G0X00 | METAL/SOLDERINGNi PLATED                                                                                         |
| 2                                                                                     | CONTACT      | 24        | T-NBR23-X0X00 | COPPER/Au PLATED                                                                                                 |
| 1                                                                                     | HOUSING      | 1         | NBR23-XK5022  | PLASTIC,UL94V-0                                                                                                  |
| ITEM                                                                                  | NAME         | QTY       | PART#         | MATERIAL/FINISH                                                                                                  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 |              |           |               |                                                                                                                  |
| GENERAL X ±0.38                                                                       |              |           |               |                                                                                                                  |
| XX ±0.25                                                                              |              |           |               |                                                                                                                  |
| XXX ±0.13                                                                             |              |           |               |                                                                                                                  |
| ANGLES X* ±3.0°                                                                       |              |           |               |                                                                                                                  |
| X* ±5.0°                                                                              |              |           |               |                                                                                                                  |
| XX* ±1.0°                                                                             |              |           |               |                                                                                                                  |
| SCALE                                                                                 | 5:1          | DRAWN     | DATE          | <br>ADVANCED-CONNECTEK INC. |
|                                                                                       |              | WX        | 2017/12/20    |                                                                                                                  |
|                                                                                       |              | DESIGN    | DATE          |                                                                                                                  |
|                                                                                       |              | WX        | 2017/12/20    |                                                                                                                  |
|                                                                                       |              | CHECKED   | DATE          |                                                                                                                  |
|                                                                                       |              | Alan.Tsai | 2017/12/20    | TITLE                                                                                                            |
|                                                                                       |              | APPROVED  | DATE          | USB TYPE-C (GEN 2) CONN.<br>RECEPTACLE - TOP MOUNT TYPE                                                          |
|                                                                                       |              | Roger     | 2017/12/20    | SERIES                                                                                                           |
|                                                                                       |              |           |               | NBR23 SERIES                                                                                                     |
|                                                                                       |              |           |               | SIZE                                                                                                             |
|                                                                                       |              |           |               | A3                                                                                                               |
|                                                                                       |              |           |               | DWG NO.                                                                                                          |
|                                                                                       |              |           |               | C-NBR23-01-00                                                                                                    |
|                                                                                       |              |           |               | REV.                                                                                                             |
|                                                                                       |              |           |               | X3                                                                                                               |
| UNIT mm                                                                               |              |           |               |                                                                                                                  |
| CUSTOMER DRAWING                                                                      |              |           |               |                                                                                                                  |
|  |              |           |               |                                                                                                                  |

