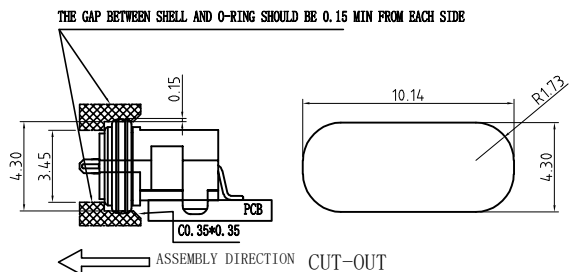
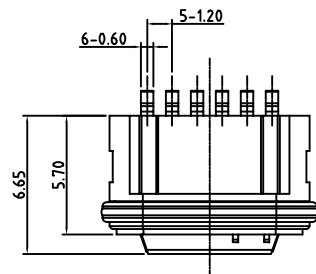


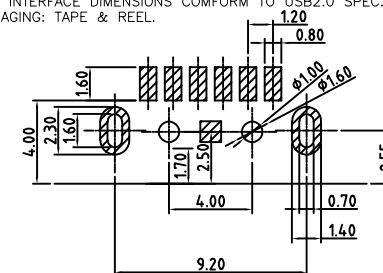
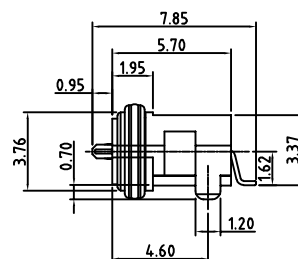
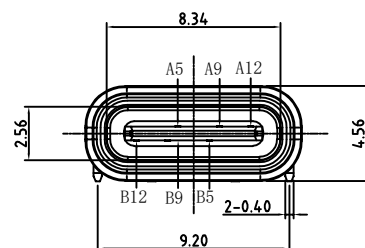
RoHS Compliant

REVISIONS

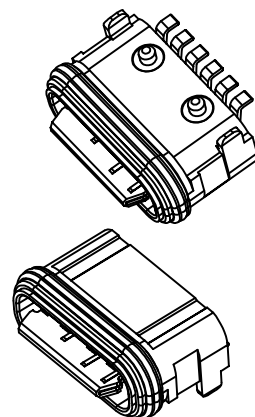
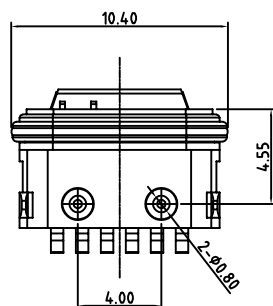
| REV. | DESCRIPTION | DATE | DESIGN |
|------|-------------|------|--------|
|      |             |      |        |



- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
    - RATING: 3A;
    - CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL);
    - DIELECTRIC WITHSTANDING: 100V AC MIN.;
    - INSULATION RESISTANCE: 100MΩ MIN.;
  - DURABILITY: 5,000 CYCLES MIN.;
  - INSERTION FORCE: 5-20N;
  - EXTRACTION FORCE: 6-20N;
  - WATER PROOFNESS: THIS PRODUCT IS BASED ON IPX7.
  - PLUG INTERFACE DIMENSIONS CONFORM TO USB2.0 SPEC.
  - PACKAGING: TAPE & REEL.



RECOMMENDED P. C. B LAYOUT  
TOP VIEW (TOLRANCE: ±0.05)



|     |             |     |             |
|-----|-------------|-----|-------------|
| A5  | CC1         | B12 | GND         |
| A9  | VBUS        | B9  | VBUS        |
| A12 | GND         | B5  | CC2         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

|      |           |       |                                           |
|------|-----------|-------|-------------------------------------------|
| 3    | Shell     | 1     | Ni Plating                                |
| 2    | Contact   | 6     | Phosphor bronze<br>Au/Ni Plating T=0.20mm |
| 1    | Housing   | 1     | PA10T (G.F30%)                            |
| ITEM | PART NAME | Q' TY | FINISH                                    |

PART NO. INFORMATION

U06-C F X X 5 X - W056

- PORT TYPE  
C: TYPE C
- GENDER  
F: FEMALE  
M: MALE
- CONTACT PLATED  
1: GOLD FLASH  
2: GOLD 3U"  
3: GOLD 5U"  
4: GOLD 10U"  
5: GOLD 15U"  
6: GOLD 30U"
- PACKAGE  
R: TAPE&REEL
- HOUSING COLOR  
2: WHITE  
5: BLACK  
9: NATURE
- HOUSING MATERIAL  
A: LCP B: PBT  
C: PA9T D: PA6T  
E: PA46 F: PA66  
G: PA10T

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

|      |   |      |     |   |      |
|------|---|------|-----|---|------|
| .X   | ± | 0.30 | .X" | ± | 2"   |
| .XX  | ± | 0.10 | .X" | ± | 1"   |
| .XXX | ± | 0.05 | .X" | ± | 0.5" |

Website: www.bsc-elec.com

Email: bestcreate@bsc-elec.com

DESIGN: I. L DATE:

CHECKED: C. W DATE:

APPROVED: C. W DATE:

TITLE:

IPX7 Waterproof 6P Type CF Connector SMT

MATERILA: PART NO: U06-CFXX5X-W056 SIZE: A4

FINSH: DWG NO: U06-CFXX5X-W056

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS