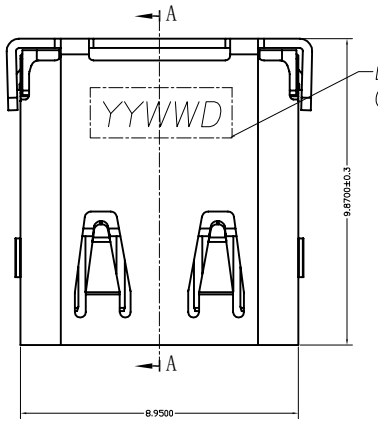
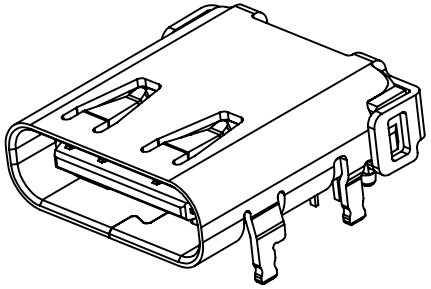
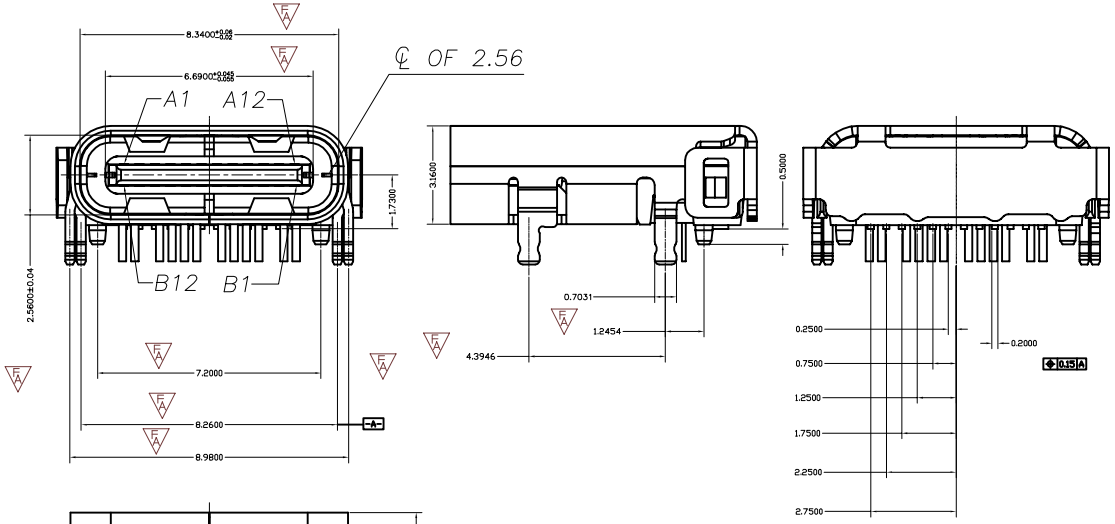
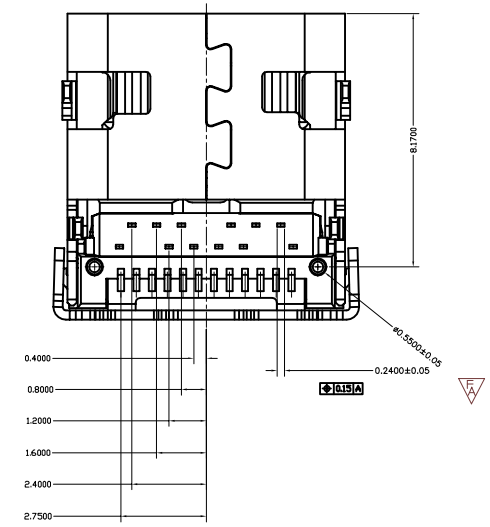
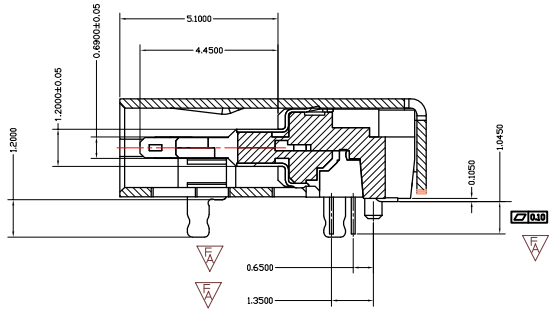





SECTION:A–A

NOTES:

1.MATERIAL SPECIFICATION:

1.1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V–0.

1.2.CONTACTS:COPPER ALLOY

1.3.MIDDLE CLIP: STAINLESS STEEL

1.4.SHELL: STAINLESS STEEL

1.5.EMI: STAINLESS STEEL

2.PLATING:

2.1 TERMINAL:OVERALL PLATING Ni BASE 50u'~150u'.
FUNCTIONAL AREA Au PLATING G/F
SOLDER AREA Au PLATING G/F ON ONE SIDE

2.2. SHELL:PLATING NICKEL 50u'~200u' ON SOLDERING AREA.

2.3. MIDDLE CLIP&EMI :CLEANING

3. *PRODUCT SPEC:PS–216990–001*

4. *PACKAGE SPEC:2171830001PDDPK1*

5. PRODUCT COMPLANT TO ROHS DIRECTIVE 2011/95/EU

6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

7. DATE CODE:YY WW D
- D — *DAY*
- WW — *WEEK*
- YY — *YEAR*

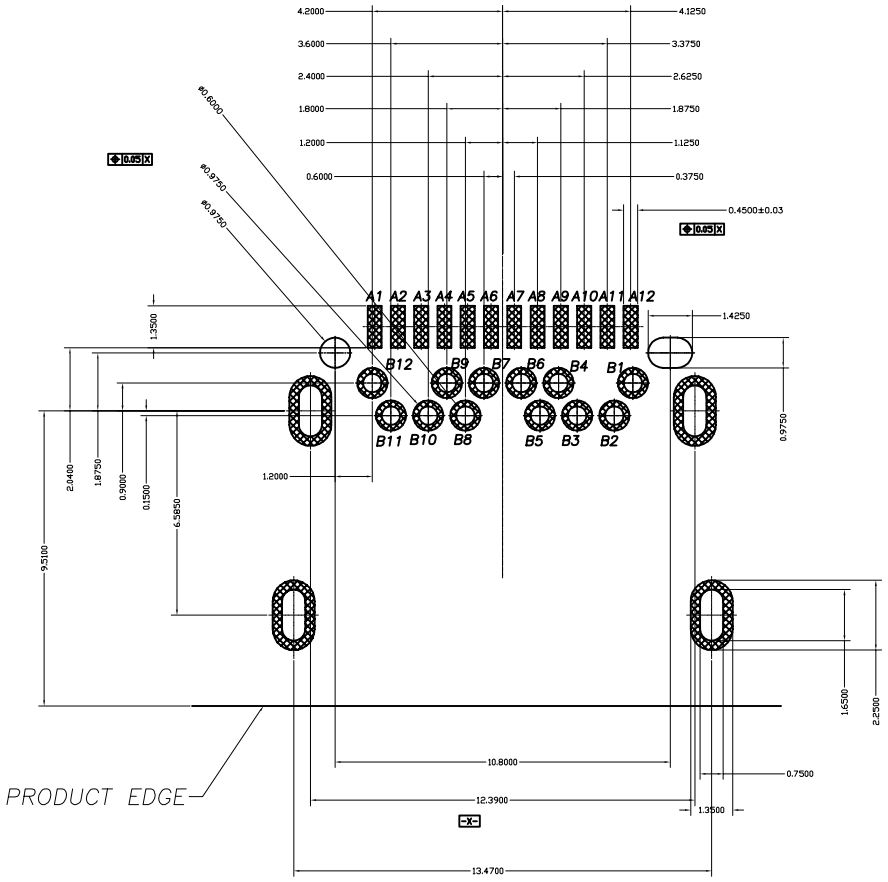
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|---|---|---|---|---|---|
| SYMBOLS | DIMENSION UNITS: mm | SCALE: 1:1 | CURRENT REV DESC: | WFDCONN 深圳市旺富达电子有限公司 SHEN ZHEN WFD ELECTRONICS CO., LTD | |
| = 14 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | USB TYPE C 24pos Top–mount Hybrid | |
| = 0 | ANGULAR TOL± 3° | | EC NO: | | |
| = 0 | 4 PLACES ± | | DRWN: LIU MIAO 2020/09/11 | PRODUCT CUSTOMER DRAWING | |
| = 0 | 3 PLACES ± 0.10 | | CHK'D: | | |
| = 0 | 2 PLACES ± 0.20 | | APPR: | | |
| = 0 | 1 PLACE ± 0.30 | | INITIAL REVISION: | DOCUMENT NUMBER: WFD005-2E1H1A103-0HR-10 | DOC TYPE: PSD / DOC PART: 000 / REVISION: A1 |
| = 0 | 0 PLACES ± | | DRWN: LIU MIAO 2020/09/11 | | |
| = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: | | |
| = 0 | | | THIRD ANGLE PROJECTION / DRAWING: A3–SIZE / SERIES | MATERIAL NUMBER: SEE SHEET1 / CUSTOMER | SHEET NUMBER: 1 OF 2 |

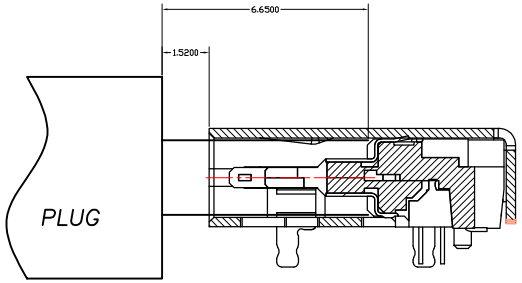
FORMAT: master–tb–prod–A3
REVISION: H
DATE: 2018/01/18

## USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME |
|---|---|
| A1 | GND |
| A2 | SSTXp1 |
| A3 | SSTXn1 |
| A4 | VBUS |
| A5 | CC1 |
| A6 | Dp1 |
| A7 | Dn1 |
| A8 | SBU1 |
| A9 | VBUS |
| A10 | SSRXn2 |
| A11 | SSRXp2 |
| A12 | GND |

| PIN NUMBER | SIGNAL NAME |
|---|---|
| B12 | GND |
| B11 | SSRXp1 |
| B10 | SSRXn1 |
| B9 | VBUS |
| B8 | SBU2 |
| B7 | Dn2 |
| B6 | Dp2 |
| B5 | CC2 |
| B4 | VBUS |
| B3 | SSTXn2 |
| B2 | SSTXp2 |
| B1 | GND |




AFTER MATING

SCALE 1.5:1

RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8 MM;DEFAULT TOLERANCE:±0.05

| | | | | | |
|---|---|---|---|---|---|
| SYMBOLS | DIMENSION UNITS: mm | SCALE: 1:1 | CURRENT REV DESC: | WFD CONN 深圳市旺富达电子有限公司 SHEN ZHEN WFD ELECTRONICS CO., LTD | |
| = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | USB TYPE C 24pos Top-mount Hybrid | |
| = 0 | ANGULAR TOL± 3° | | EC NO: | PRODUCT CUSTOMER DRAWING | |
| = 0 | 4 PLACES ± | | DRWN: LIU MIAO 2020/09/11 | DOCUMENT NUMBER: WFD005-2E1H1A103-0HR-10 | DOC TYPE: PSD / DOC PART: 000 / REVISION: A1 |
| = 0 | 3 PLACES ± 0.10 | | CHK'D: | | |
| = 0 | 2 PLACES ± 0.20 | | APPR: | | |
| = 0 | 1 PLACE ± 0.30 | | INITIAL REVISION: | | |
| = 0 | 0 PLACES ± | | DRWN: LIU MIAO 2020/09/11 | | |
| = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: | | |
| = 0 | | | THIRD ANGLE PROJECTION / DRAWING: A3-SIZE / SERIES | MATERIAL NUMBER: SEE SHEET1 / CUSTOMER | SHEET NUMBER: 2 OF 2 |

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18