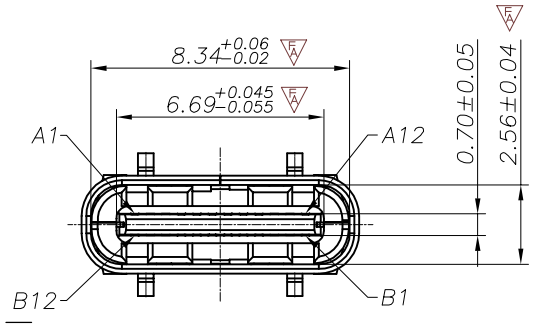
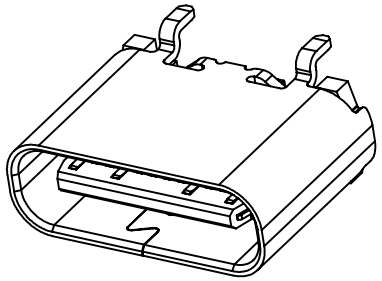
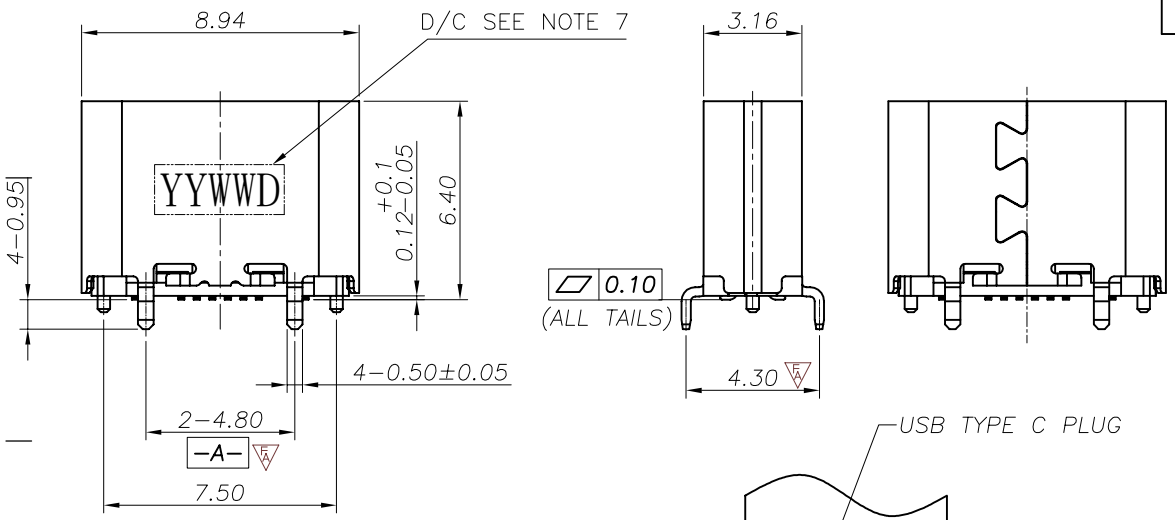


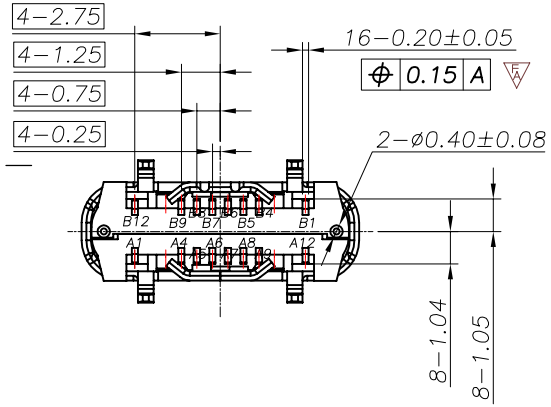


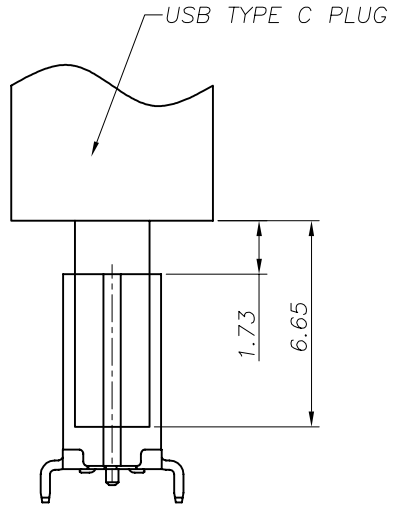
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND





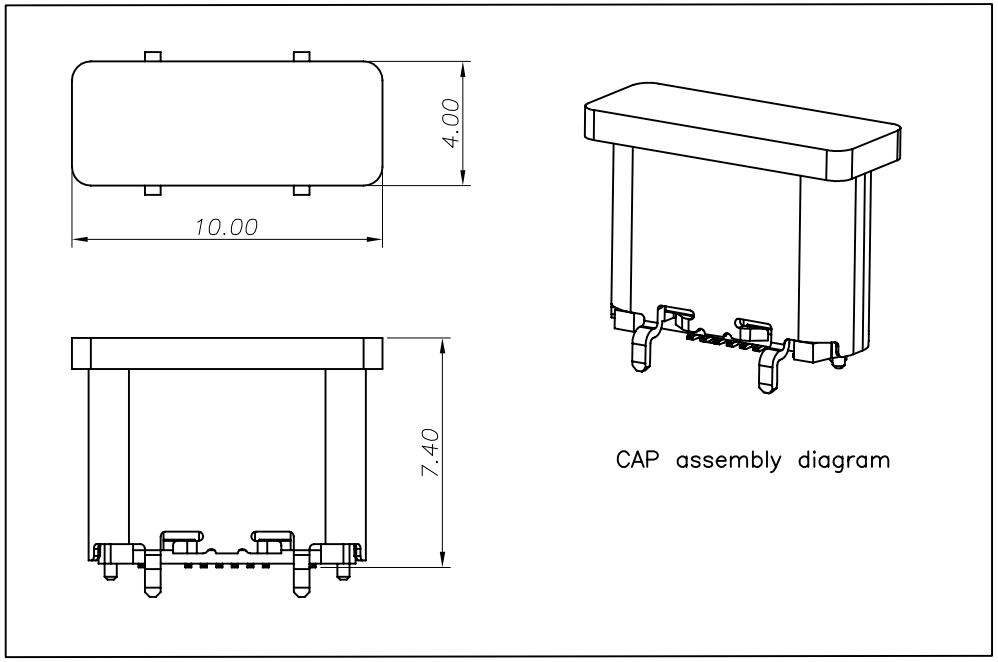


FEMALE AND MALE MATCHING DRAWING

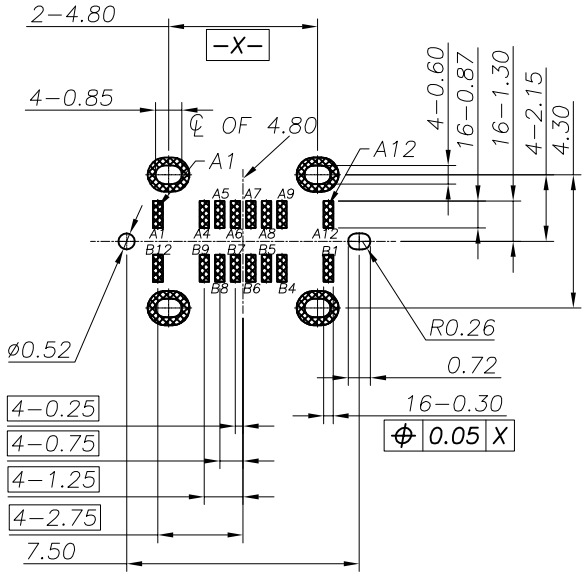
SYMBOLS	DIMENSION UNITS: mm	SCALE: 1:1	CURRENT REV DESC:	WFDCONN 深圳市旺富达电子有限公司 SHEN ZHEN WFD ELECTRONICS CO., LTD	
= 6	GENERAL TOLERANCES (UNLESS SPECIFIED)			USB TYPE C 16pos Vertical SMT L=6.4	
= 0	ANGULAR TOL± 3°		EC NO:	PRODUCT CUSTOMER DRAWING	
= 0	4 PLACES ±		DRWN: LIU MIAO 2020/09/11	DOCUMENT NUMBER: WFD014-1A1H1A103-0HR-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 SHEET	CUSTOMER	SHEET NUMBER: 1 OF 2

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

NOTES:
1.MATERIAL SPECIFICATION:
1.1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
1.2.CAP:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
1.3.CONTACTS:COPPER ALLOY
1.4.MIDDLE CLIP: STAINLESS STEEL
1.5.SHELL: 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
2.2. SHELL: PLATING NICKEL 50u'~200u' ON SOLDERING AREA.
2.3. MIDDLE CLIP :CLEANING
3. PRODUCT SPEC:PS-216990-001
4. PACKAGE SPEC:2171820001PDDPK1
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
DAY
WEEK
YEAR



CAP assembly diagram



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8MM;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 16pos Vertical SMT L=6.4	
▽ = 0	ANGULAR TOL± 3°		EC NO:		
▽ = 0	4 PLACES ±		DRWN: LIU MIAO 2020/09/11		
▽ = 0	3 PLACES ± 0.10		CHK'D:		
▼ = 0	2 PLACES ± 0.20		APPR:	PRODUCT CUSTOMER DRAWING	
▽ = 0	1 PLACE ± 0.30		INITIAL REVISION:	DOCUMENT NUMBER: WFD014-1A1H1A103-0HR-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 SHEET	CUSTOMER	SHEET NUMBER: 2 OF 2

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