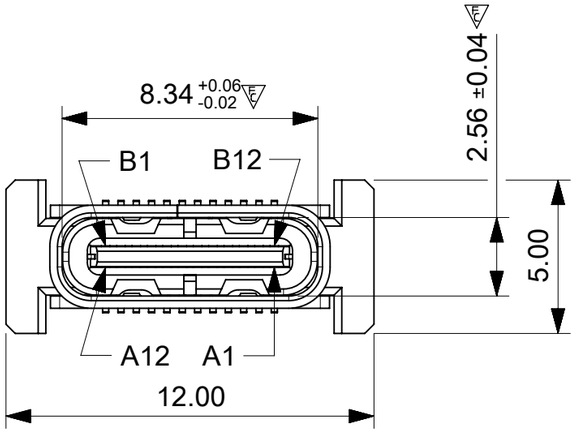
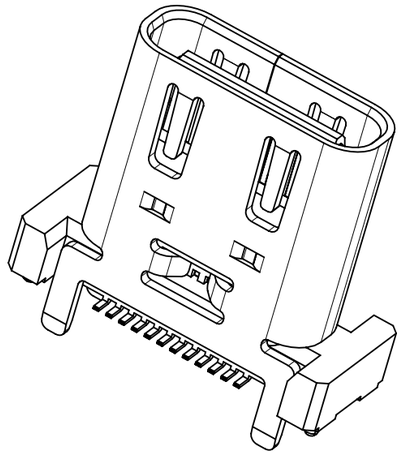
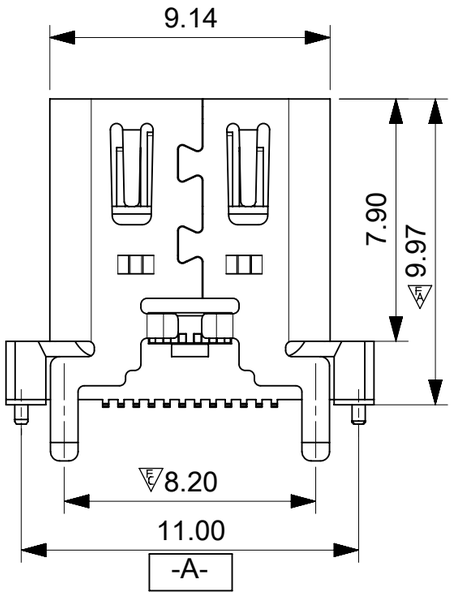
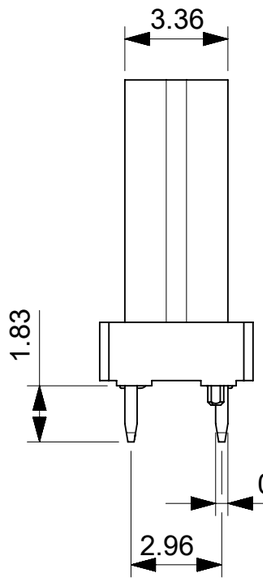
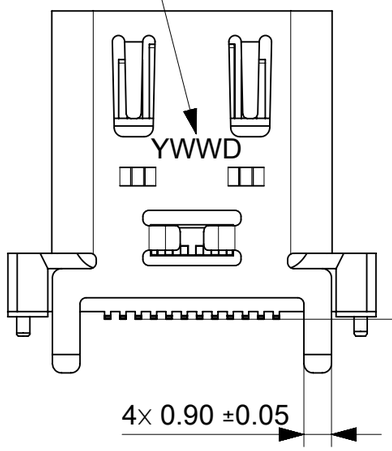




D/C SEE NOTE 7

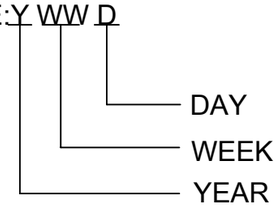


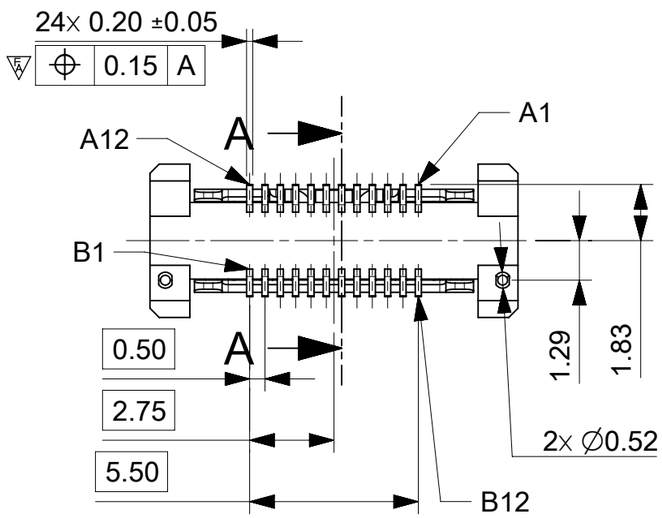


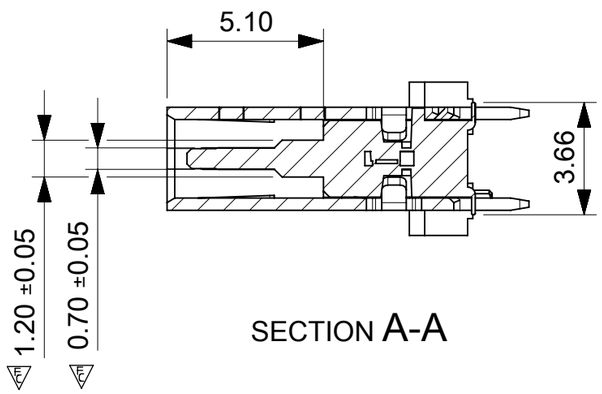


0.10 A
ALL CONTACTS

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
1.6.EMI: STAINLESS STEEL
2.PLATING:
2.1 TERMINAL:PLATING NICKEL 50u"~150u" OVER ALL. Au PLATING 1u" ON CONTACT AREA AND SOLDERING AREA OVER NICKEL.
2.2. SHELL: PLATING NICKEL 50u"~200u"ON SOLDERING AREA.
2.3.MIDDLE CLIP: CLEANING
2.4.EMI: CLEANING
3. PRODUCT SPEC:PS-216990-001
4. PACKAGE SPEC:PDD_2216080001PK
5. PRODUCT COMPLIANCE TO ROHS DIRECTIVE 2011/65/EU
6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE
7. DATE CODE:Y WW D







SECTION A-A

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/30 01:43:06

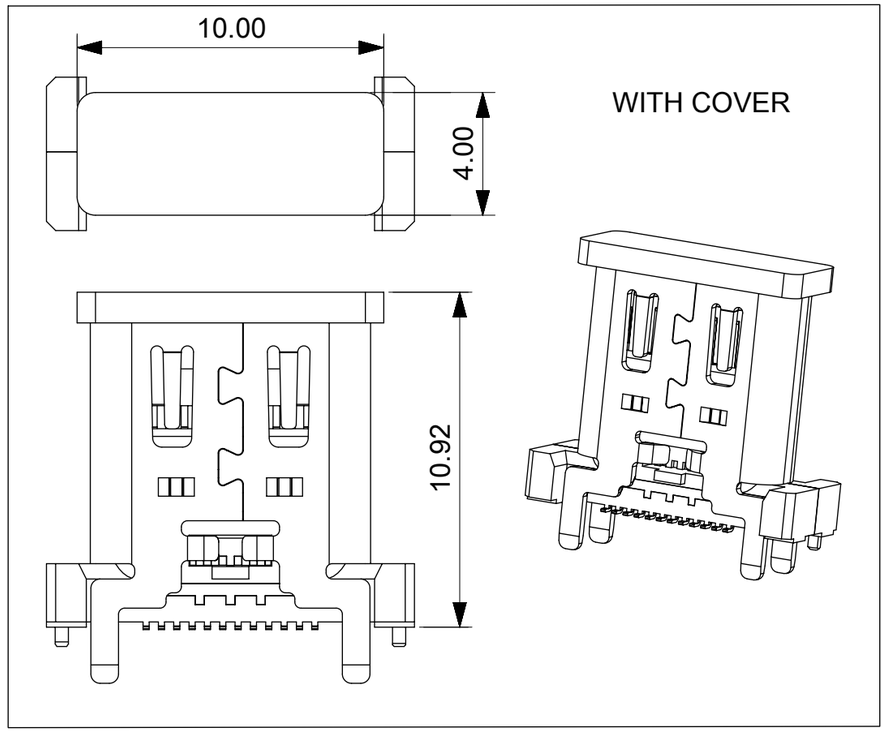
FORMAT: molex_B_size_A3
REVISION: J1
DATE: 2021/05/06

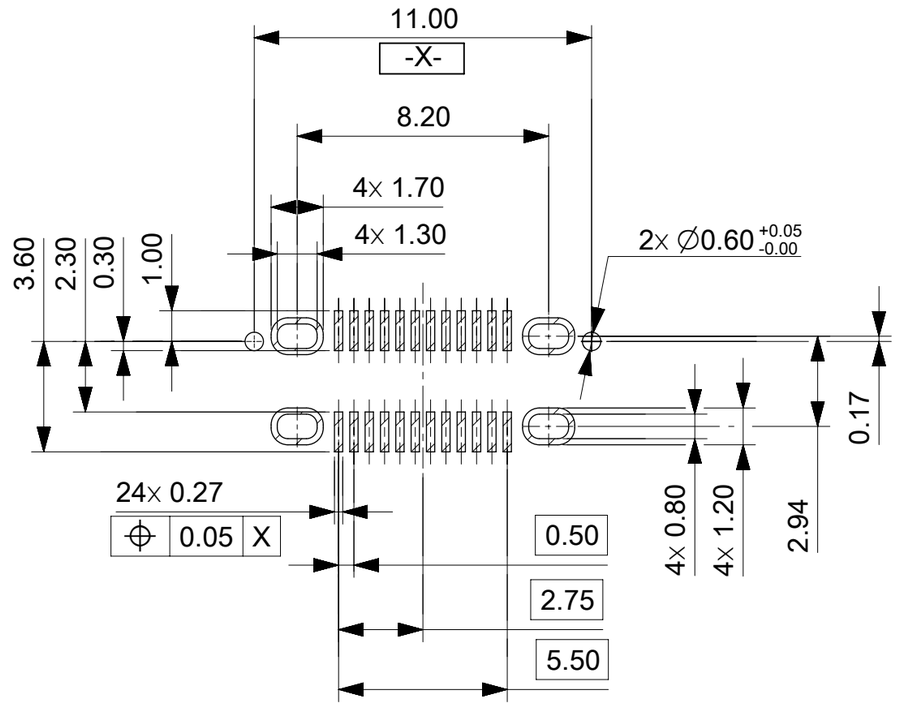
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
= 2	DIMENSION UNITS: mm	SCALE: 5:1	CURRENT REV DESC: FIRST RELEASED			molex			
= 5	GENERAL TOLERANCES (UNLESS SPECIFIED)								
= 1	ANGULAR TOL ± 3.0°					USB CF24P VERTICAL SMT			
DIVISIONAL SYMBOLS	4 PLACES ±		EC NO: 733316						
	3 PLACES ±		DRWN: DARIEY 2022/12/19			PRODUCT CUSTOMER DRAWING			
	2 PLACES ± 0.25		CHK'D: RLI09 2023/01/30						
	1 PLACE ±		APPR: RLI09 2023/01/30			DOCUMENT NUMBER: 2216080001	DOC TYPE: PSD	DOC PART: 000	REVISION: A
	0 PLACES ±		INITIAL REVISION:						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: DARIEY 2022/12/19						
			APPR: RLI09 2023/01/30						
			FIRST ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 221608	MATERIAL NUMBER: 2216080001	CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 2

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A2	TXp1
A3	TXn1
A4	V_{BUS}
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	V_{BUS}
A10	RXn2
A11	RXp2
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B11	RXp1
B10	RXn1
B9	V_{BUS}
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	V_{BUS}
B3	TXn2
B2	TXp2
B1	GND





RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.0±0.05MM;DEFAULT TOLERANCE:±0.05

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/30 01:43:06

FORMAT: master_drw-A3
REVISION: J1
DATE: 2021/05/07

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: FIRST RELEASED

EC NO: 733316
DRWN: DARIEY 2022/12/19
CHK'D: RLI09 2023/01/30
APPR: RLI09 2023/01/30

INITIAL REVISION:
DRWN: DARIEY 2022/12/19
APPR: RLI09 2023/01/30

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 221608

molex

USB CF24P VERTICAL SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2216080001	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2216080001	GENERAL MARKET	2 OF 2