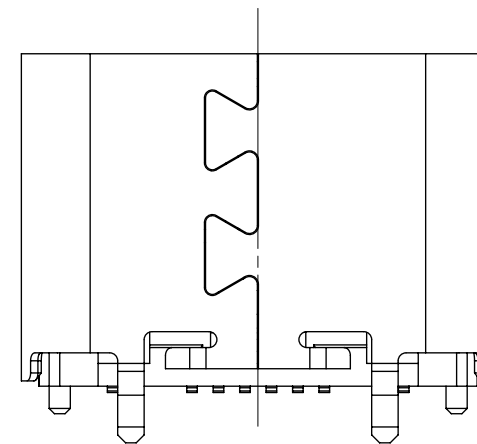
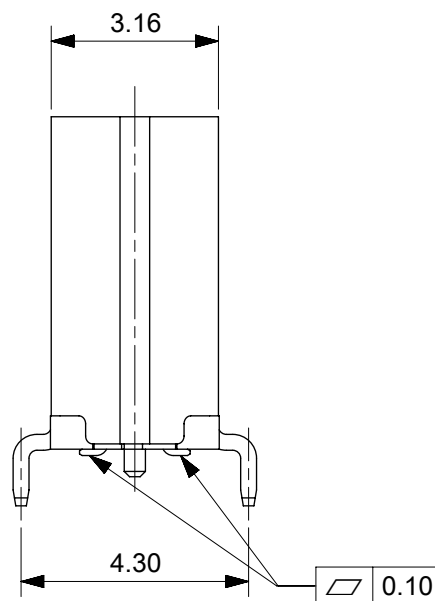
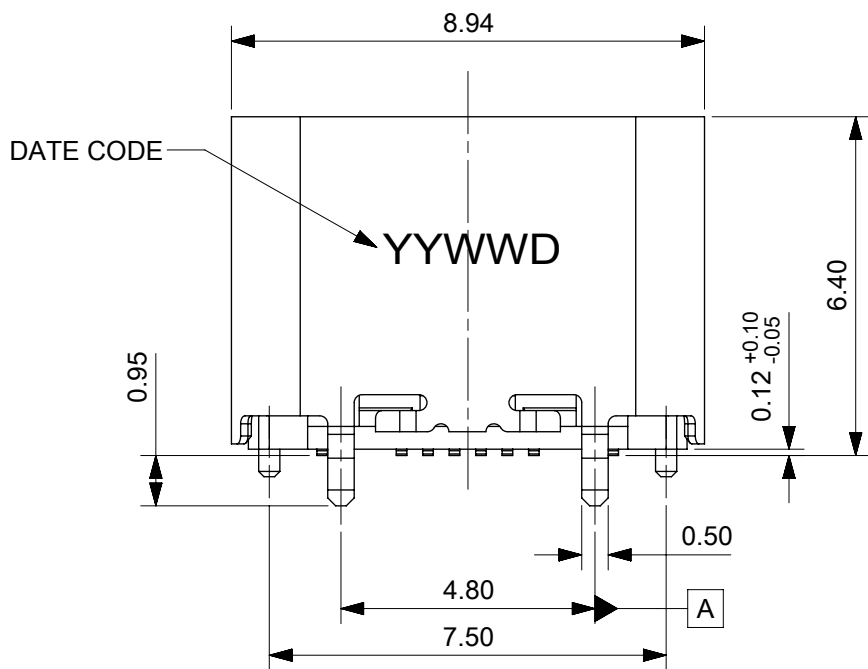
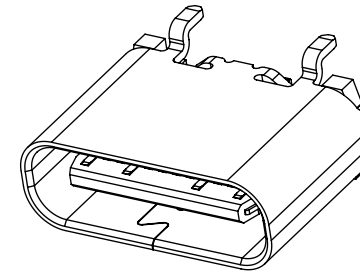
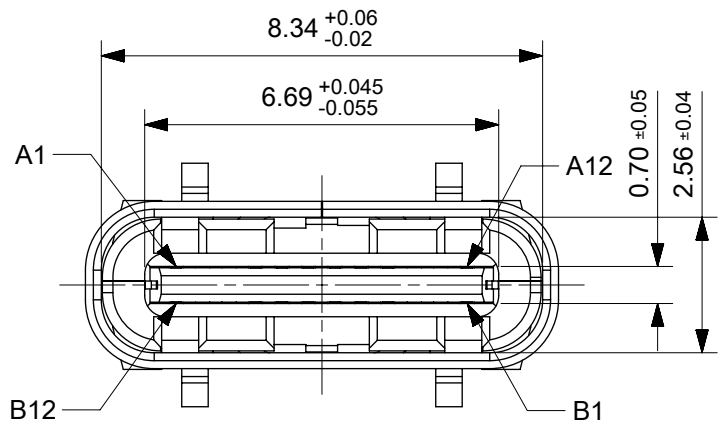
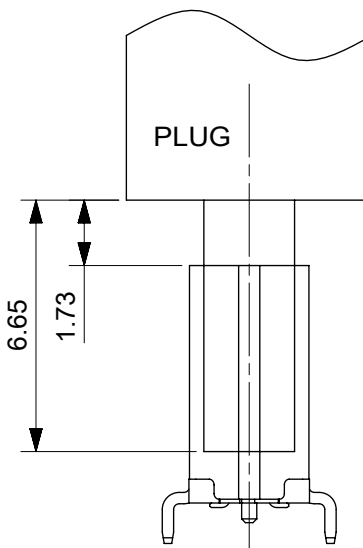
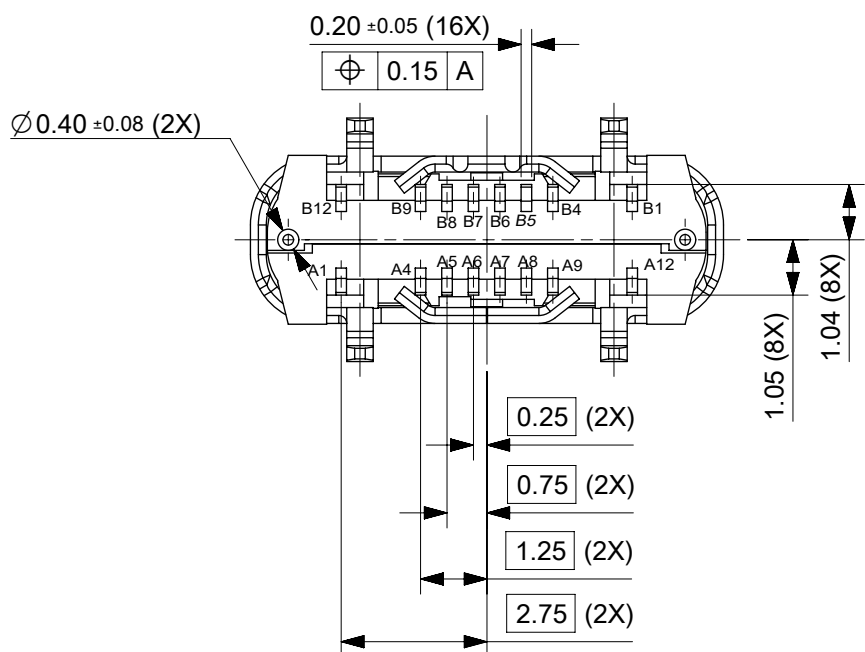




USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



FEMALE AND MALE MATCHING DRAWING

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: PCB PIN DEFINITION CORRECTION ERROR							
mm	1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 3.0 °								
4 PLACES	±								
3 PLACES	± 0.1								
2 PLACES	± 0.2								
1 PLACE	± 0.3								
0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
			A3-SIZE	217182	2171820001			1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2023/03/17	06:48:47
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FORMAT: master-B-prod-A3
REVISION: J
DATE: 2020/01/14

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

2.PLATING:

2.1 TERMINAL:OVERALL PLATING Ni BASE 50u' MIN.

FUNCTIONAL AREA Au PLATING G/F

SOLDER AREA Au PLATING G/F

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

2.3. MIDDLE CLIP :CLEANING

3. PRODUCT SPEC: 2169900001

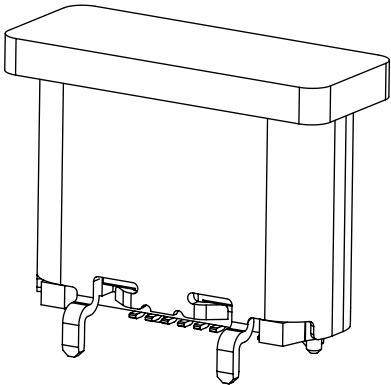
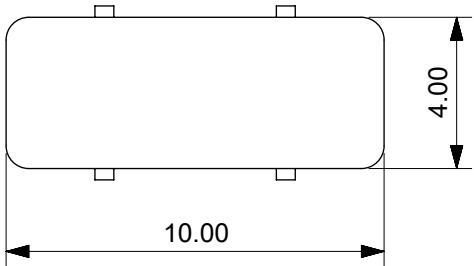
4. PACKAGE SPEC:2171820001PDDPK1

5. PRODUCT COMPLIANT TO RIHS DIRECTIVE 2011/95/EU

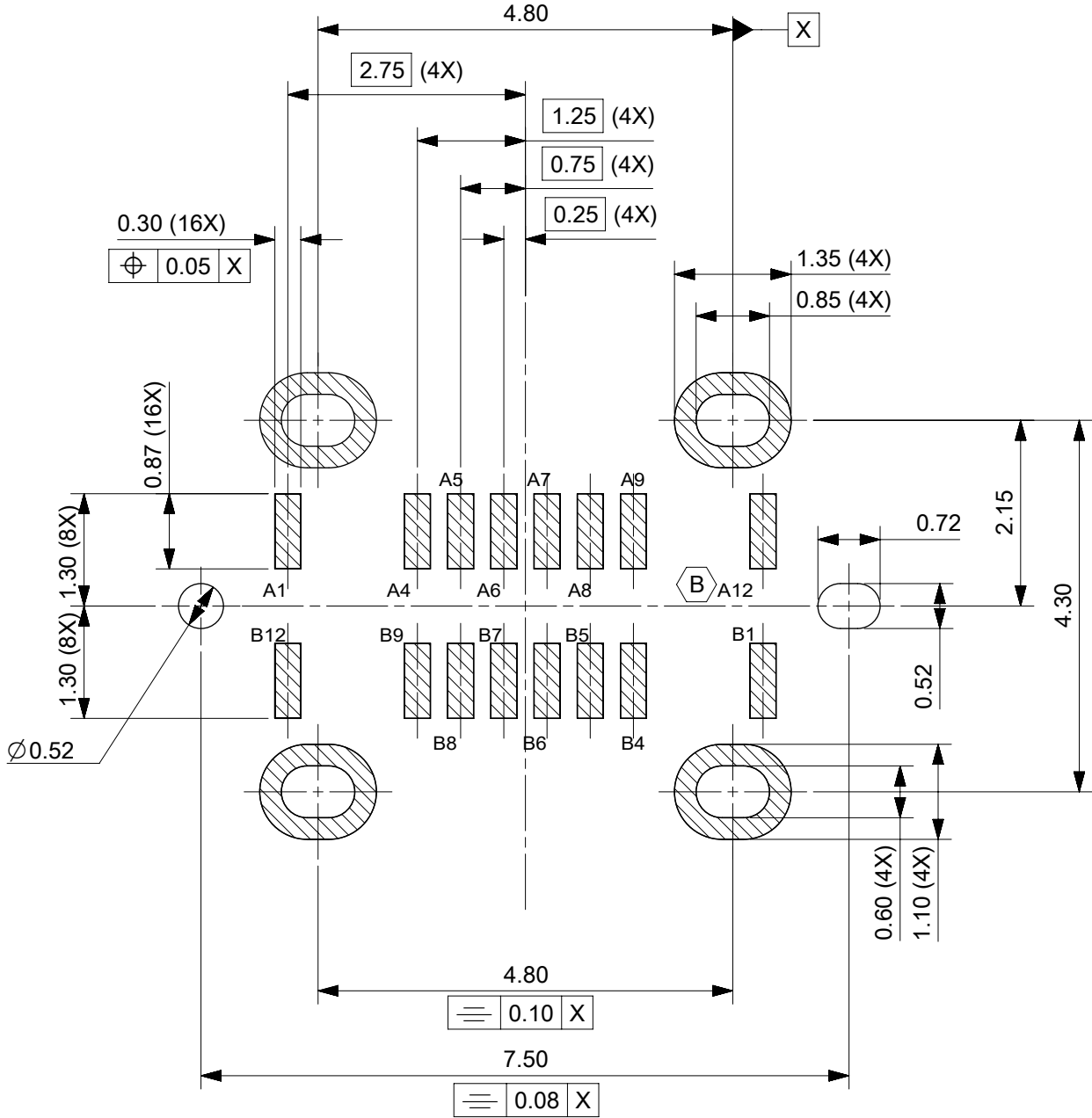
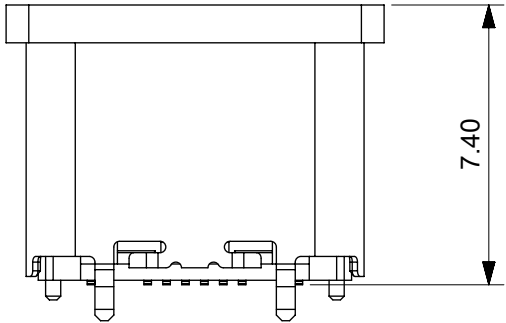
6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

7. DATE CODE: YY WW D

YEAR WEEK DAY



CAP assembly diagram



RECOMMENDED PCB LAYOUT (TOP VIEW)
THICKNESS IS 0.8MM, DEFULT TOLERANCE IS ±0.05

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DIMENSION UNITS		SCALE	CURRENT REV DESC: PCB PIN DEFINITION CORRECTION ERROR				molex				
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 740234 DRWN: DARIEY CHK'D: RLI09 APPR: RLI09 2023/02/20 2023/03/17 2023/03/17				TYPE C 16 PIN VERTICAL SMT L=6.4				
ANGULAR TOL ± 3.0 °							PRODUCT CUSTOMER DRAWING				
4 PLACES		±									
3 PLACES		± 0.1									
2 PLACES		± 0.2									
1 PLACE		± 0.3	INITIAL REVISION: DRWN: RZHANG APPR: AYIN 2021/01/29 2021/02/05				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±					2171820001		PSD	000	B
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE	217182	2171820001				2 OF 2	