

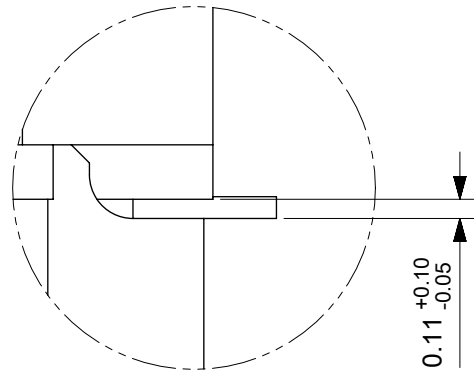
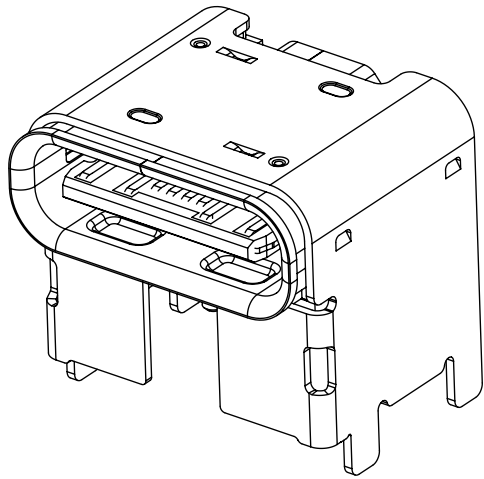
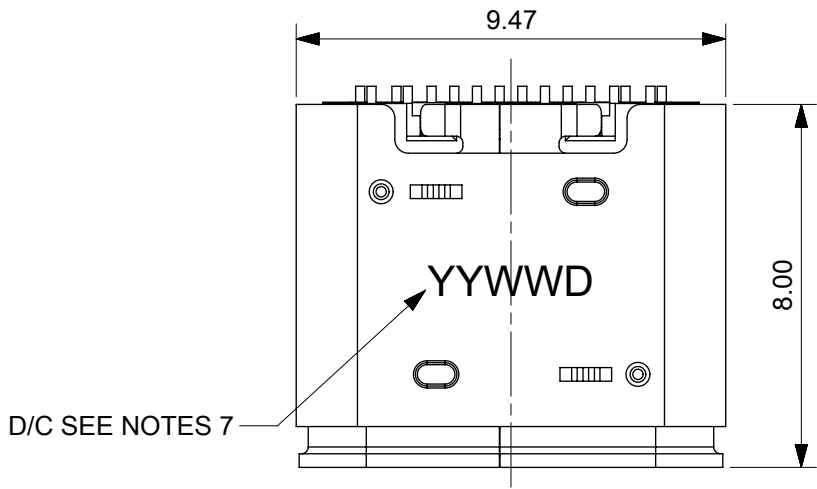
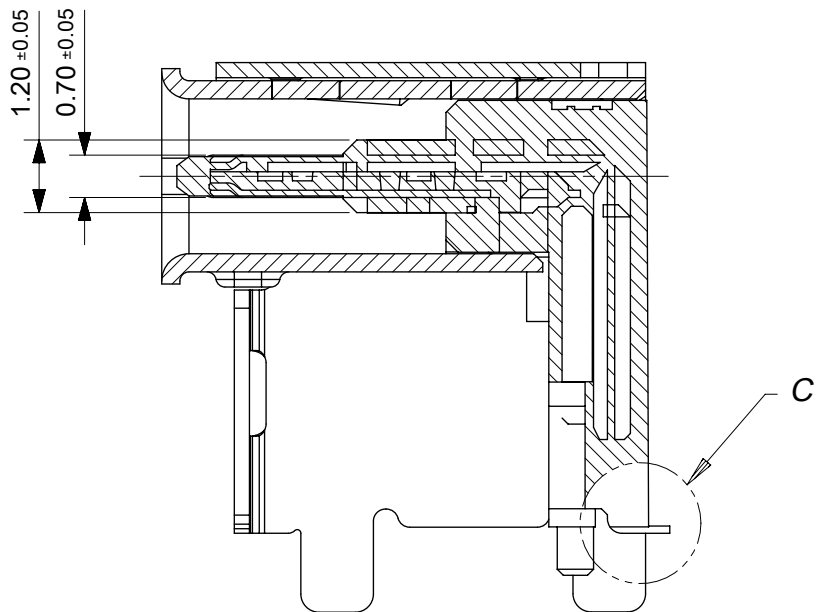
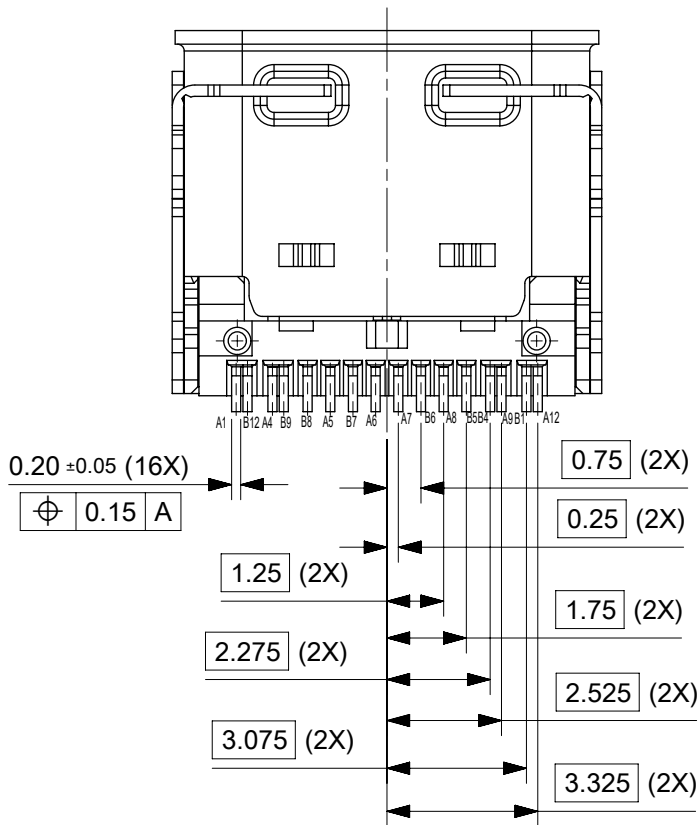
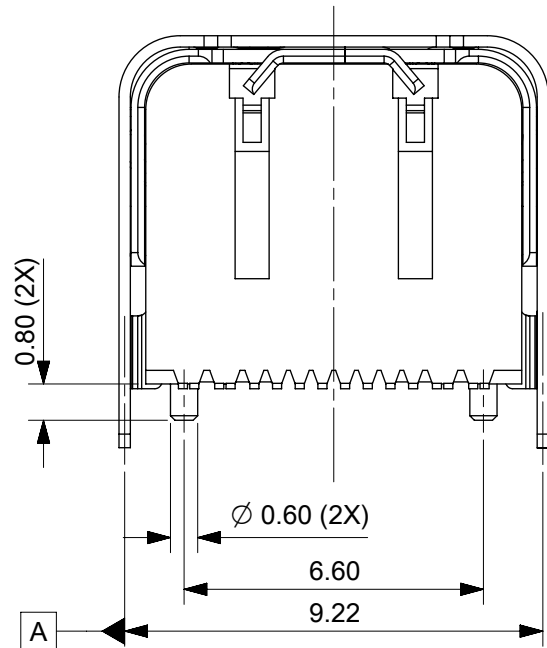
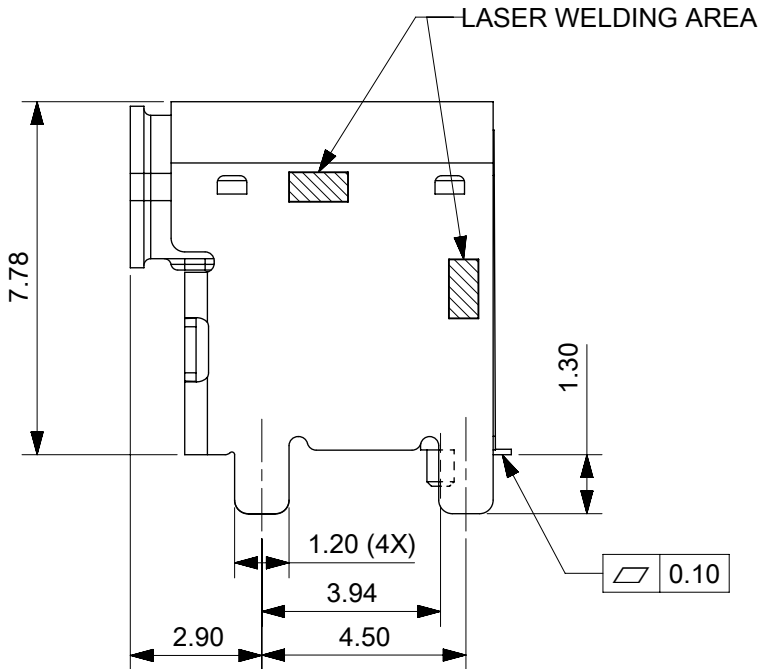
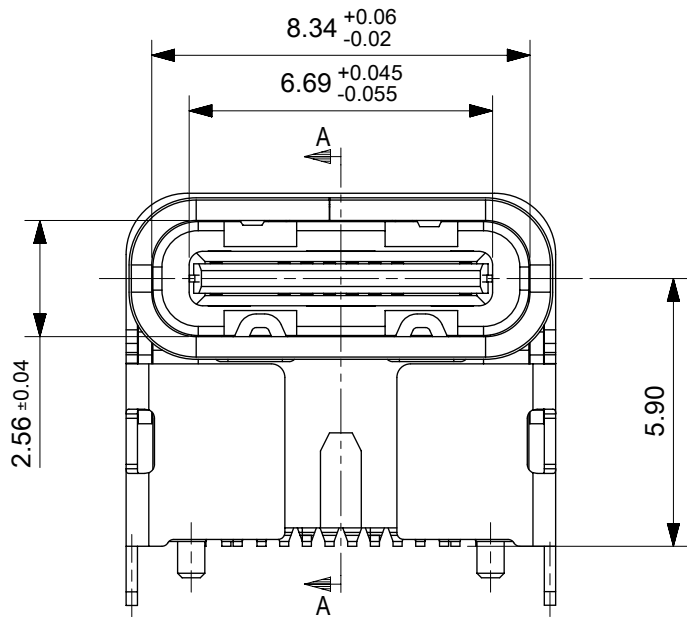


DIAGRAM FORM "C"



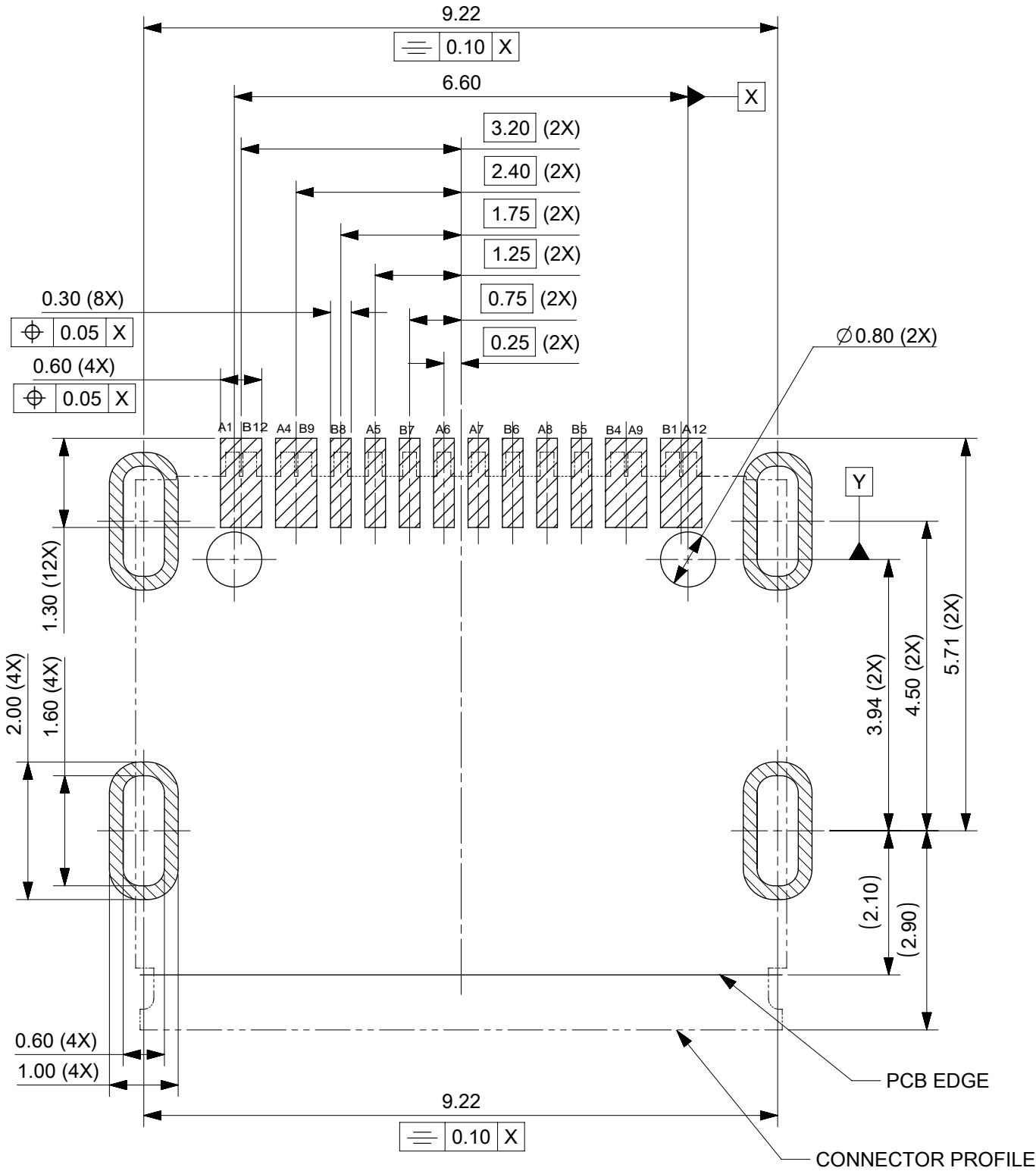
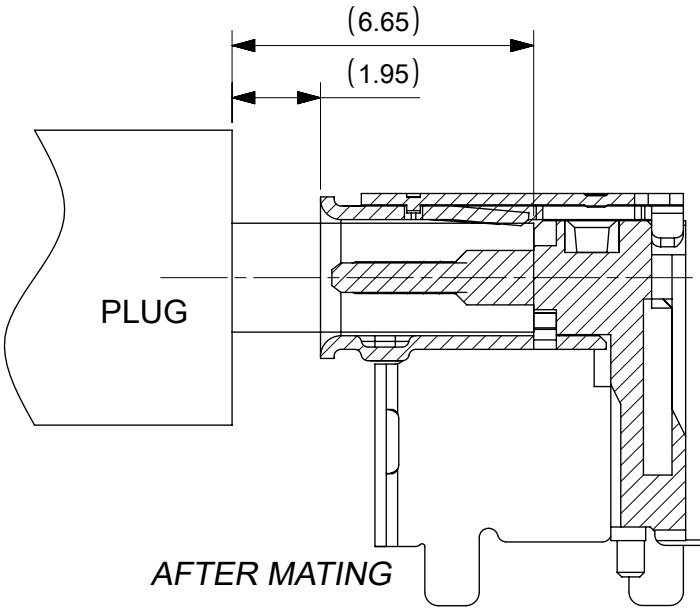
SECTION A-A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
DIMENSION UNITS		SCALE		TYPE C 16 PIN TOP MOUNT SMT CH 5.9			
mm		1:1		PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 654657		DOCUMENT NUMBER			
ANGULAR TOL		± 3.0 °		DRWN: RZHANG		2021/01/21	
4 PLACES		±		CHK'D: AYIN		2021/02/05	
3 PLACES		± 0.1		APPR: AYIN		2021/02/05	
2 PLACES		± 0.2		INITIAL REVISION:		2021/01/21	
1 PLACE		± 0.3		DRWN: RZHANG		2021/02/05	
0 PLACES		±		APPR: AYIN		2021/02/05	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		217180	
				MATERIAL NUMBER		CUSTOMER	
				2171800001			
				SHEET NUMBER		1 OF 2	

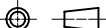
NOTES:
1.MATERIAL SPECIFICATION:
1.1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
1.2.CONTACTS:COPPER ALLOY
1.3.MIDDLE CLIP: STAINLESS STEEL
1.4.SHELL: STAINLESS STEEL
2.PLATING:
2.1 TERMINAL:OVERALL PLATING Ni BASE 50u' MIN.
FUNCTIONAL AREA Au PLATING G/F
SOLDER AREA Au PLATING G/F
2.2. SHELL: SOLDERABLE NICKEL 50u' PLATING OVERALL.
2.3. COVER: SOLDERABLE NICKEL 50u' PLATING OVERALL.
2.4. MIDDLE CLIP :CLEANING
3. PRODUCT SPEC: 2169900001 PSPS
4. PACKAGE SPEC: 2171800001PDDPK1
5. PRODUCT COMPIANT TO ROHS DIRECTIVE 2011/95/EU
6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE
7. DATE CODE: YY WW D
YEAR WEEK DAY

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



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.00 MM;DEFAULT TOLERANCE:±0.05

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex								
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				TYPE C 16 PIN TOP MOUNT SMT CH 5.9											
ANGULAR TOL ± 3.0 °															
4 PLACES		±													
3 PLACES		± 0.1													
2 PLACES		± 0.2													
1 PLACE		± 0.3		PRODUCT CUSTOMER DRAWING											
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EC NO: 654657			DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
				DRWN: RZHANG											
THIRD ANGLE PROJECTION				2021/01/21			2171800001			PSD		000		A	
				CHK'D: AYIN											
				2021/02/05			MATERIAL NUMBER			CUSTOMER		SHEET NUMBER			
				APPR: AYIN											
				INITIAL REVISION:			2171800001					2 OF 2			
				DRWN: RZHANG											
				2021/01/21			2171800001								
				APPR: AYIN											
				SERIES			217180								
				A3-SIZE											
				217180											
				217180											