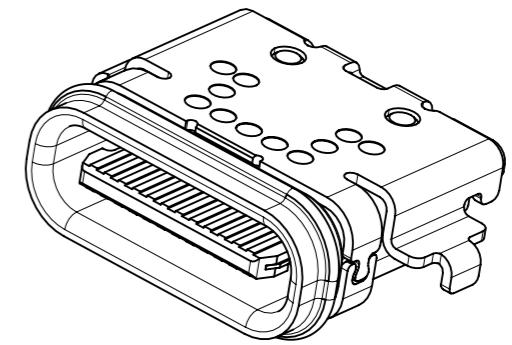
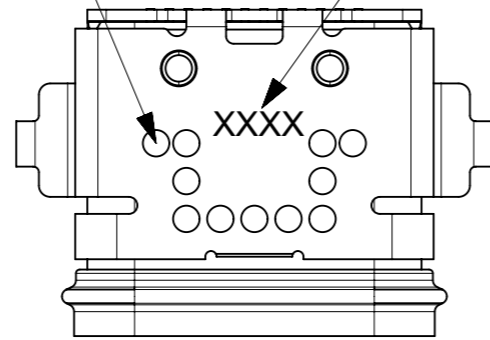
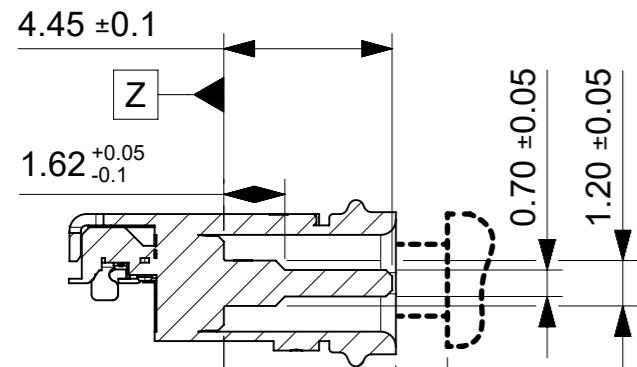
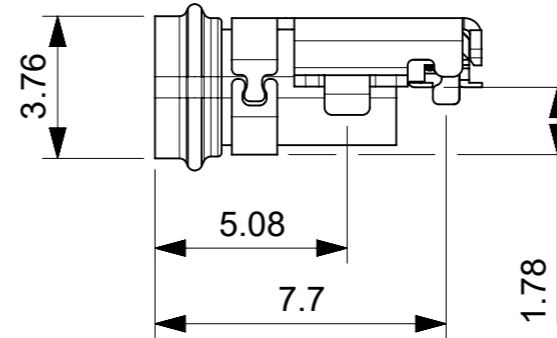
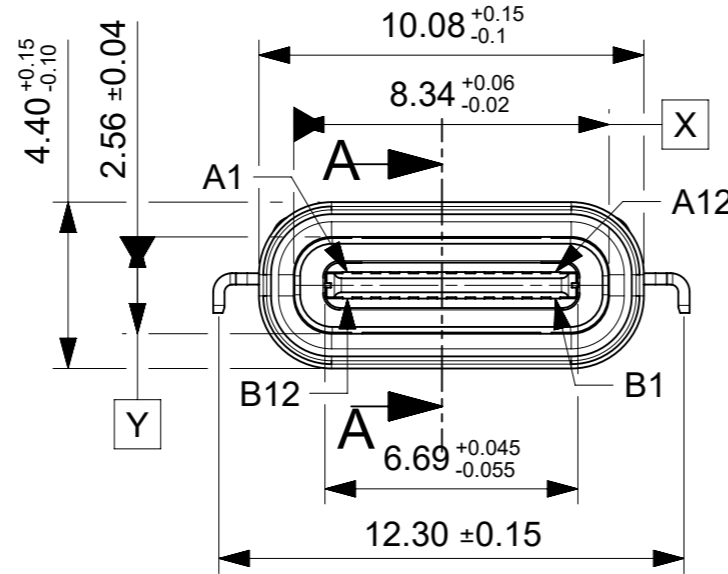
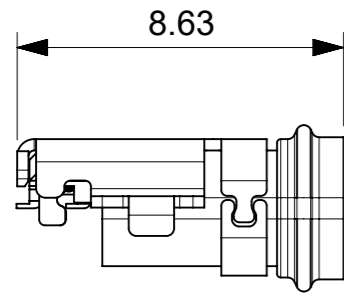


LASER WELDING MARK D/C LOCATION



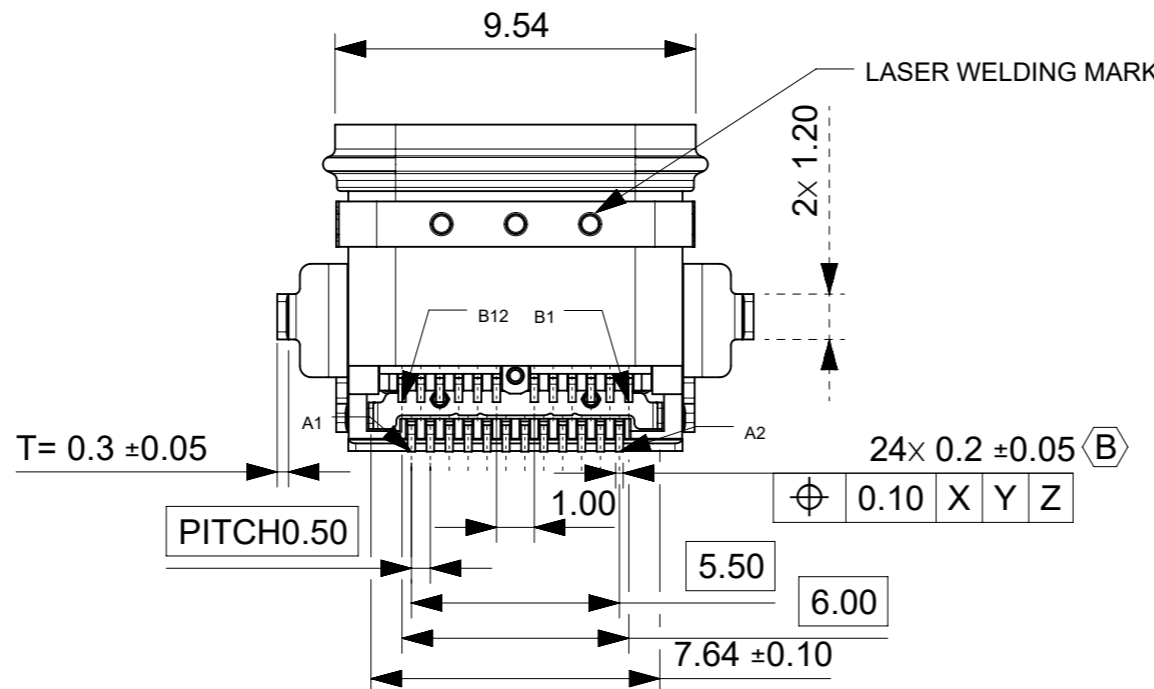
ASSEMBLY 3D

- NOTES:
- MATERIAL SPECIFICATION:
 - INSULATOR : HIGH TEMPERATURE THERMOPLASTIC UL94 V-0 COLOUR: BLACK
 - CONTACTS: COPPER ALLOY
 - MID PLATED: STAINLESS STEEL
 - SHELL: STAINLESS STEEL
 - PLATING SPECIFICATION:
 - CONTACTS:
 - NI 50-120u" MIN UNDERPLATED OVER ALL.
 - Au 30u" PLATED ON CONTACT AREA ,
 - Au 1u" MIN ON SOLDER AREA.
 - MID PLATED: NI 50-120u" MIN PLATED OVER ALL.
 - SHELL: NI 50-120 u" MIN PLATED OVER ALL.
 - PRODUCT SPEC REFER TO PS-2216320001
 - PACKAGE SPEC REFER TO 2216320001
 - PRODUCT APPLICATION SPEC REFER TO AS-2216320001.
 - PRODUCT COMPLANT TO ROHS DIRECTIVE 2011/65/EU
 - WATERPROOF: WATERPROOF MEET THE REQUIREMENTS OF IPX7
 - PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE
 - DATE CODE: ****

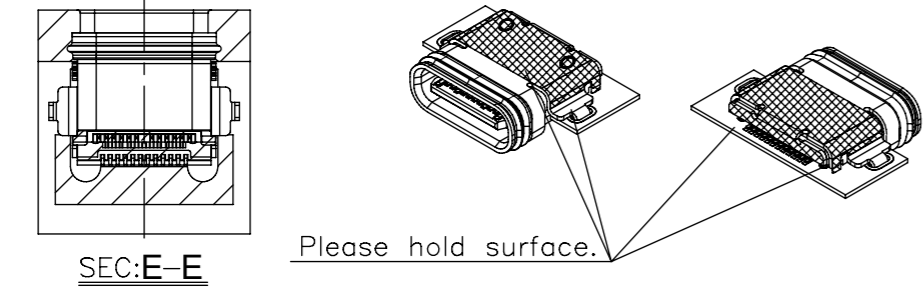
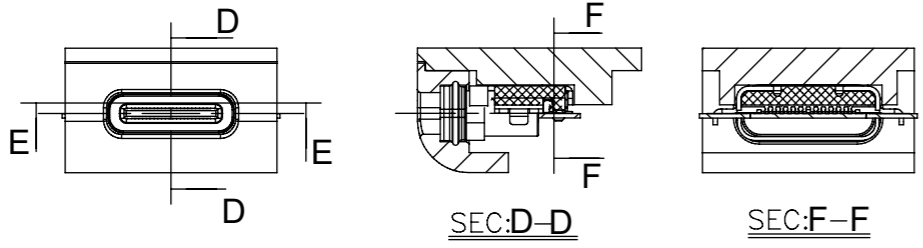
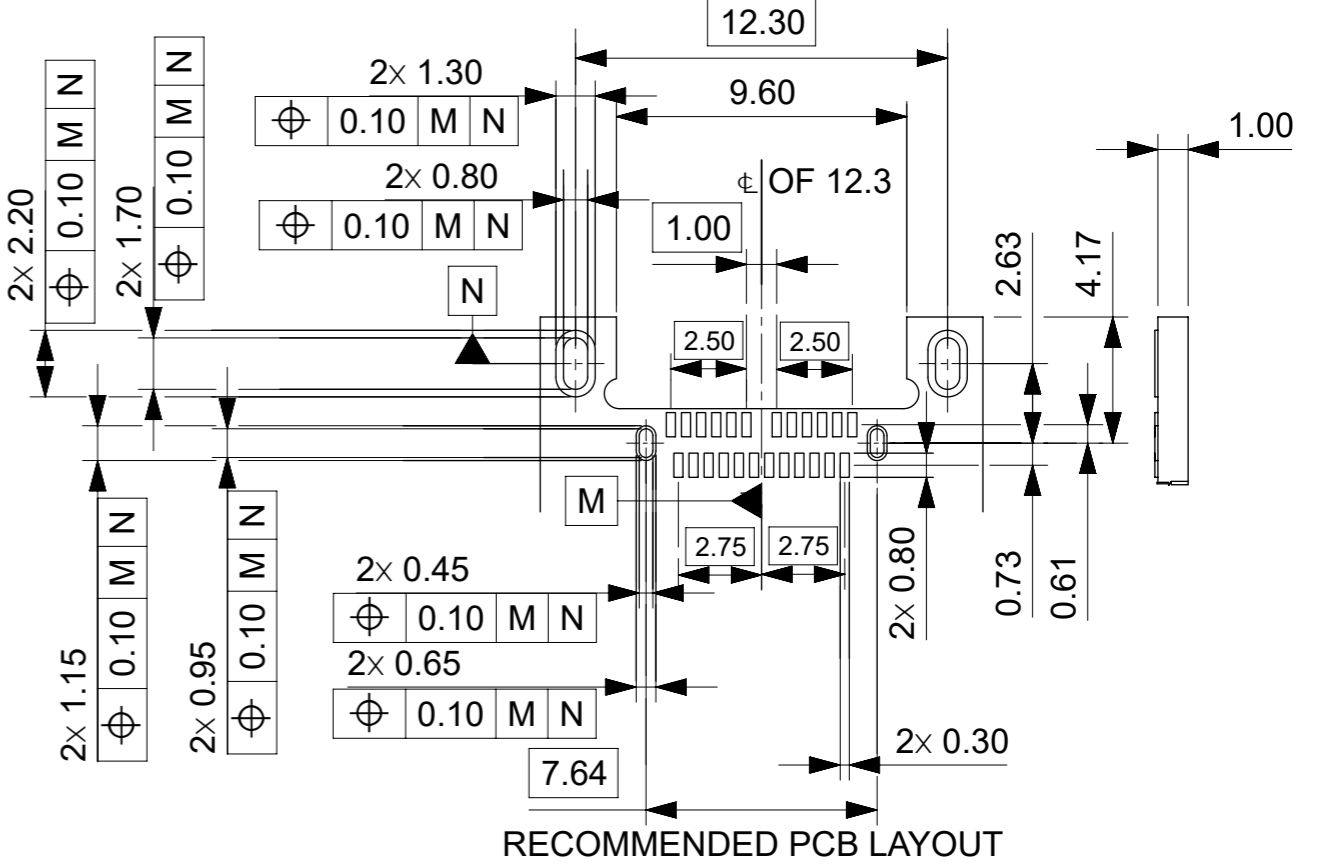
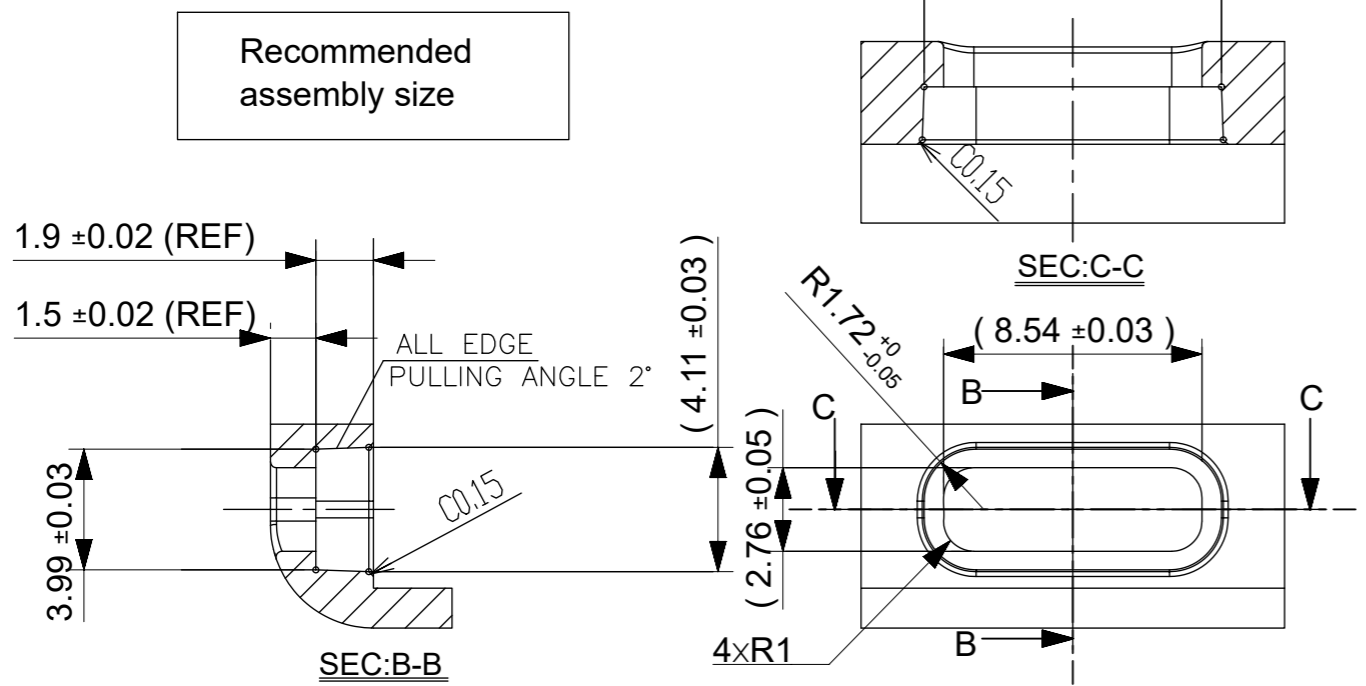


(4.7) (PLUG INSERTION DISTANCE)
(6.65 ±0.10) (MATING PLUG LENGTH)

SECTION A-A



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: CHANGE SEALING RING AND LASER-WELDING POINT						USB TYPE C RECEPTACLE 24PIN IPX7	
mm		5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 783822				DOCUMENT NUMBER		DOC TYPE	
ANGULAR TOL ± 3.0°				DRWN: FYANG05 2024/04/07				2216320001		PSD	
4 PLACES ±				CHK'D: RLI09 2024/04/24				DOC PART		000	
3 PLACES ± 0.1				APPR: RLI09 2024/04/24				REVISION		D	
2 PLACES ± 0.2				INITIAL REVISION:				MATERIAL NUMBER		CUSTOMER	
1 PLACE ± 0.3				DRWN: DARIEY 2022/12/09				2216320001		GENERAL MARKET	
0 PLACES ±				APPR: RLI09 2023/01/30				SERIES		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		221632		1 OF 2	
				A3-SIZE		221632					



USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

For SMT process, Please hold surface.
 Detail refer to product application specification of AS-22169320001

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIMENSION UNITS mm	SCALE 1:1	CURRENT REV DESC: CHANGE SEALING RING AND LASER-WELDING POINT		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 783822 DRWN: FYANG05 CHK'D: RLI09 APPR: RLI09 2024/04/07 2024/04/24 2024/04/24		USB TYPE C RECEPTACLE 24PIN IPX7
ANGULAR TOL	± 3.0°			PRODUCT CUSTOMER DRAWING
4 PLACES	±			INITIAL REVISION:
3 PLACES	± 0.1	DRWN: DARIEY	DOCUMENT NUMBER	
2 PLACES	± 0.2	APPR: RLI09	2216320001	
1 PLACE	± 0.3	2022/12/09	DOC TYPE	
0 PLACES	±	2023/01/30	PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	DOC PART	
		A3-SIZE	000	
		SERIES	REVISION	
		221632	D	
		MATERIAL NUMBER		
		2216320001		
		CUSTOMER		
		GENERAL MARKET		
			SHEET NUMBER	
			2 OF 2	

FORMAT: master-ib-prod-A3
 REVISION: 11
 DATE: 2021/05/01