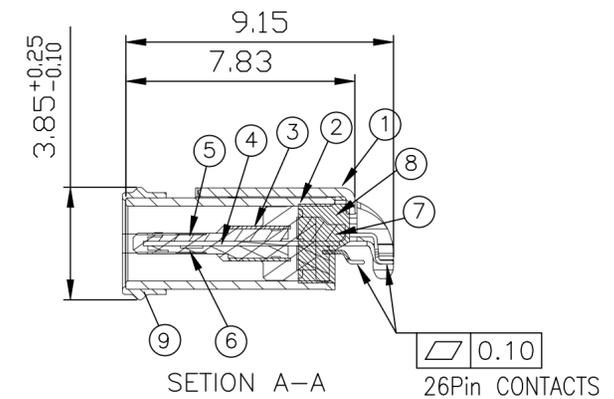
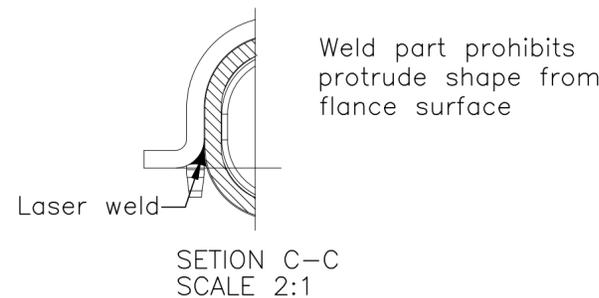
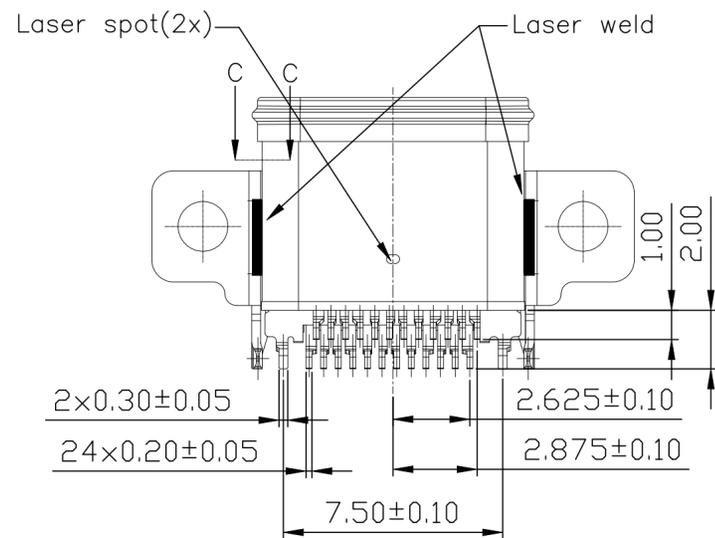
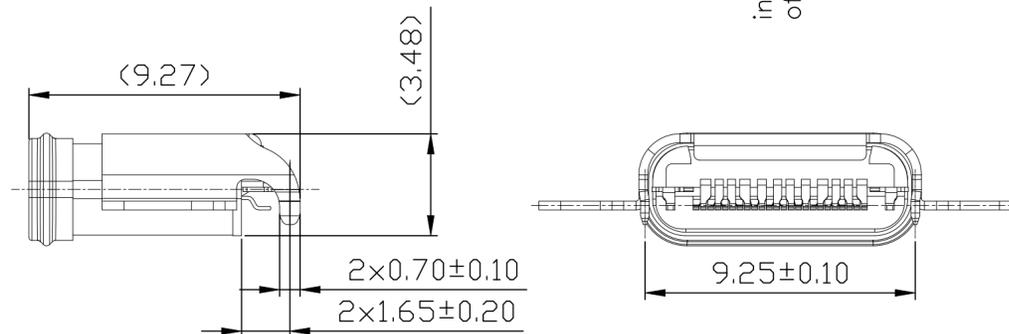
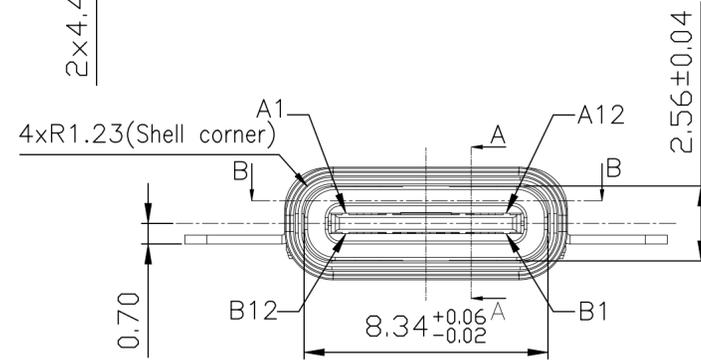
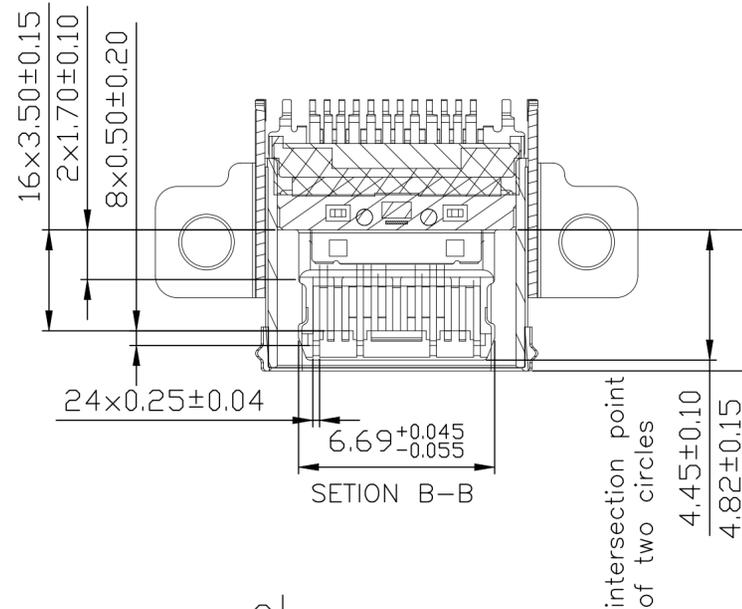
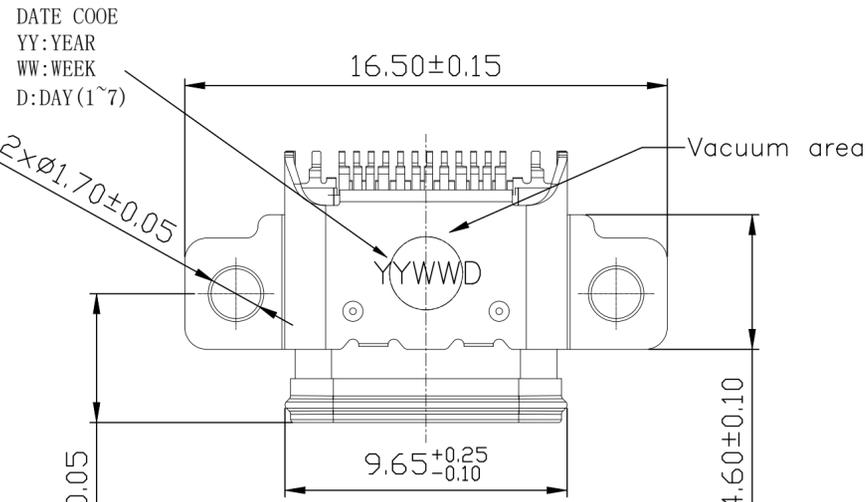


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A	RELEASED PER	ECN-25-303637	25JAN2025	TR	RCG



- NOTE :
- MECHANICAL PERFORMANCE:
 - INSERTION FORCE: 5~20N.
 - EXTRACTION FORCE: 8~20N INITIAL, AFTER TEST: 6~20N
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE:
 - CURRENT RATING: 5A MIN FOR VBUS, 0.25A MIN FOR OTHERS
VOLTAGE RATING: 20V MAX.
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
 - ENVIRONMENTAL CHARACTERISTICS
 - IR REFLOW: PEAK TEMPERATURE 250±5°C (TIME: 20S)
 - OPERATING TEMPERATURE RANGE: -30°C TO +85°C.
 - STORAGE TEMPERATURE RANGE: -20°C TO +60°C.
 - RELATIVE HUMIDITY: 15~70%RH
 - STORAGE LIFE: 6 MONTHS
 - WATER PROOF: IP X8.
 - COMPLY TO ROHS2.0 & HF.

Mid Plate	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
	GND	TX1+	TX1-	VBus	CC1	D+	D-	SBU1	VBus	RX2-	RX2+	GND
	GND	RX1+	RX1-	VBus	SBU2	D-	D+	CC2	VBus	TX2-	TX2+	GND
	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

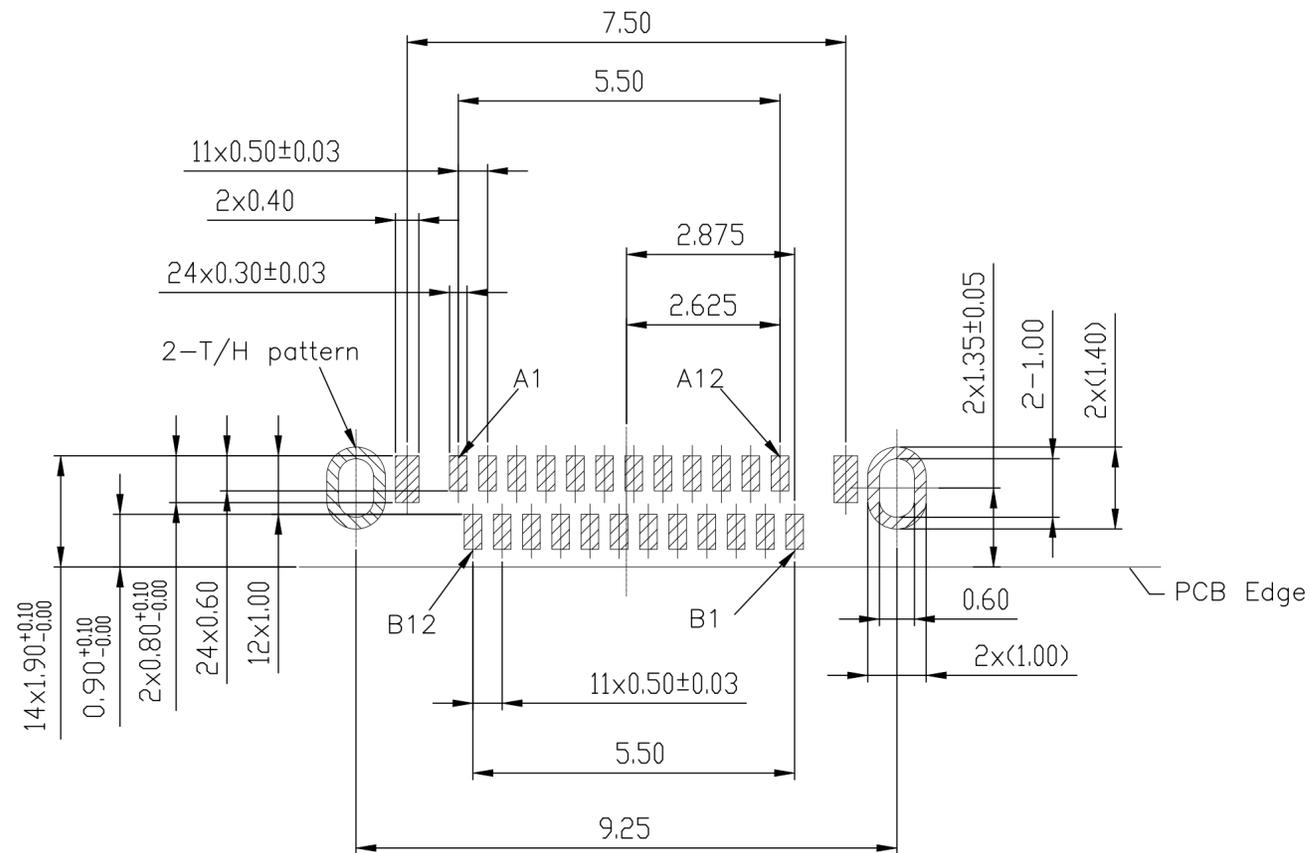
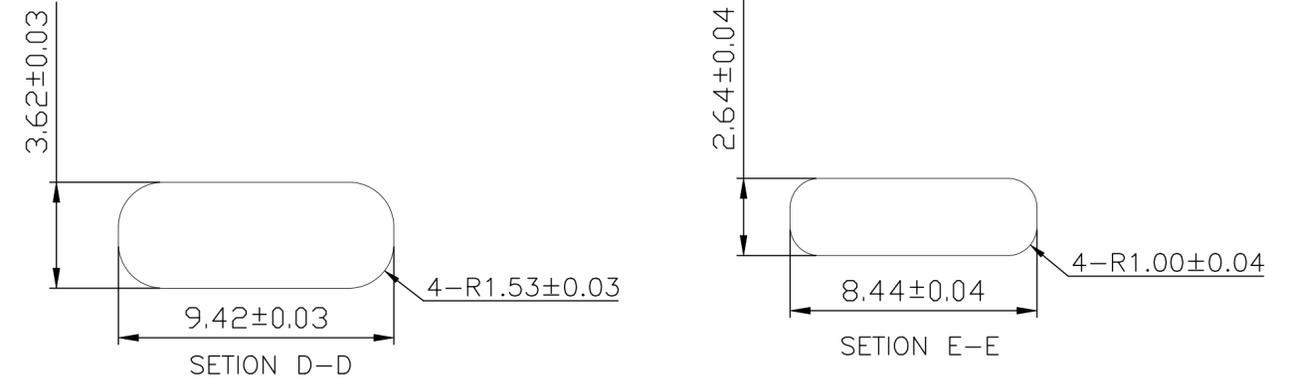
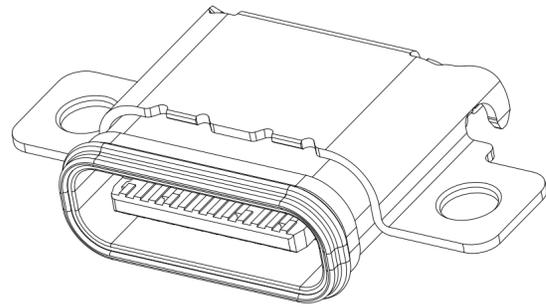
PIN DEFINITION: (GND pins(A1,A12,B1,B12) and Mid Plate should connect together in PCB circuit.)

9	Liquid Rubber	1PCS	Sillcone rubber	Color:Black
8	Rubber		Sillcone rubber	Color:Black
7	Insertmolding	1PCS	HIGH TEMPERATURE MATERIALS	Color:Black UL94 V-0
6	Bottom Contact	12PCS	Copper Alloy	Mating Area: Ni 50u"MIN.+Au 15u" Min. Solder Tails: Ni 50u"MIN.+Au 1u" Min.
5	Top Contact	12PCS	Copper Alloy	
4	Mid Plate	1PCS	Stainless Steel	Ni 50u"Min.+Solder area:Au 1u"Min.
3	GND Plate	2PCS	Stainless Steel	None
2	Shell	1PCS	Stainless Steel	Ni:50u" Min.
1	Frame	1PCS	Stainless Steel	Ni:50u" Min.
NO.	Part Name	Q'TY	Material	Finish

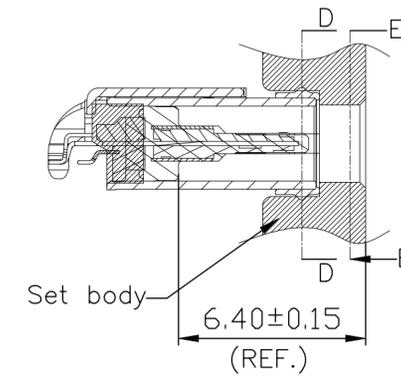
THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	TARUN, R	27NOV2024	TE Connectivity USB TYPE C RECEPTACLE 24P WATERPROOF	SIZE: A2 CAGE CODE: 00779 DRAWING NO: C=2495710 RESTRICTED TO: -
CHK	NAIR, SREE KUMAR	28NOV2024		
APVD	RAGHAVAN, CG	28NOV2024		
PRODUCT SPEC	108-161700			
APPLICATION SPEC	114-161285		SCALE: 1:1	SHEET: 1 of 2
MATERIAL			CUSTOMER DRAWING	REV: A

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
 DEFAULT TOLERANCE: ±0.05
 SCALE: 2:1



RECOMMENDED SET BODY SIDE HOLE SHAPE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 27NOV2024		
DIMENSIONS: mm [INCHES]		CHK NAIR, SREE KUMAR 28NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 28NOV2024	NAME USB TYPE C RECEPTACLE 24P WATERPROOF	
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC ± 0.08 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161700	SIZE A2	CAGE CODE 00779
MATERIAL		FINISH	DRAWING NO C=2495710	RESTRICTED TO
		WEIGHT	SCALE 1:1	SHEET 2 OF 2
		CUSTOMER DRAWING	REV A	