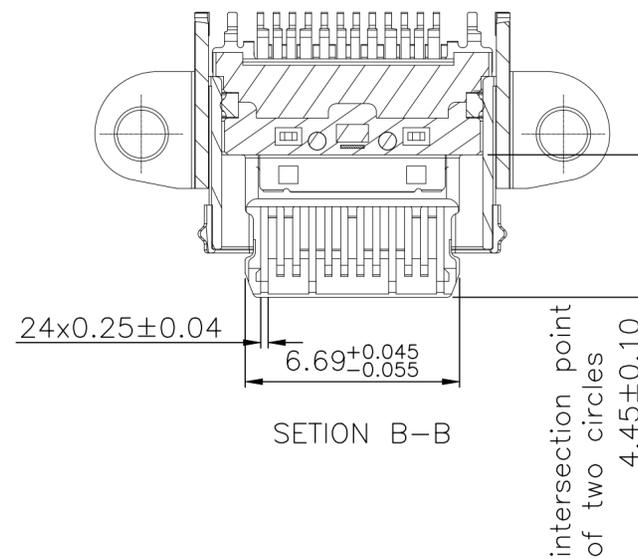
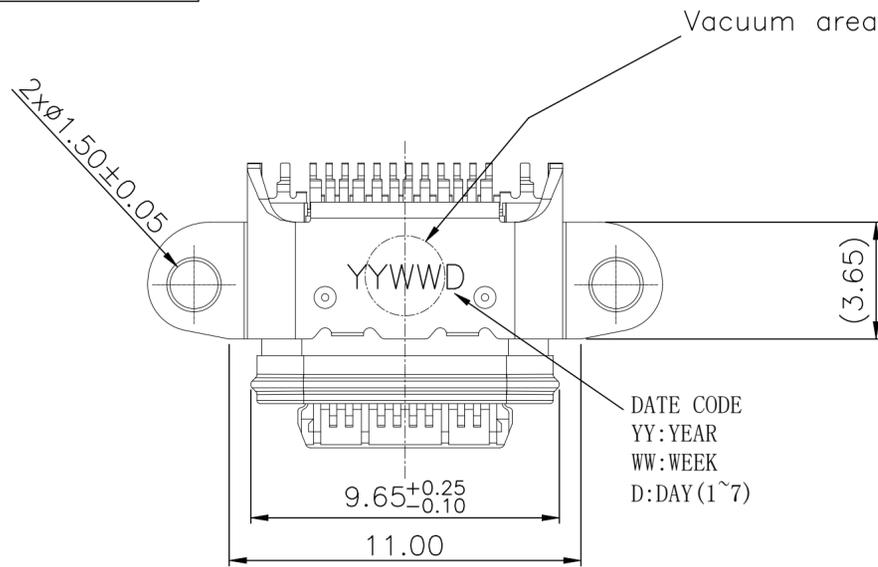
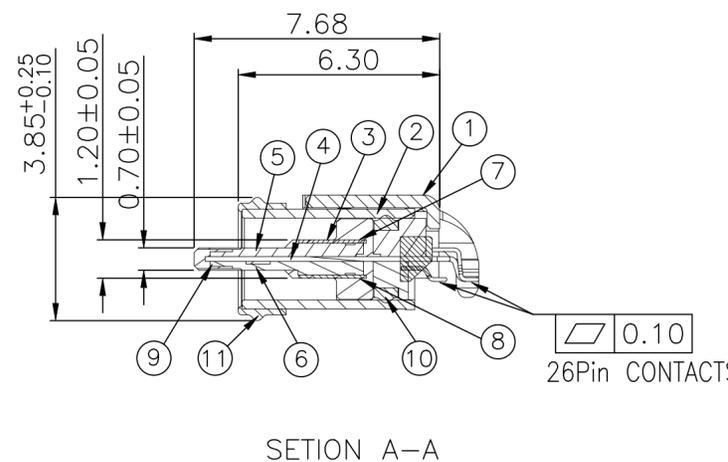
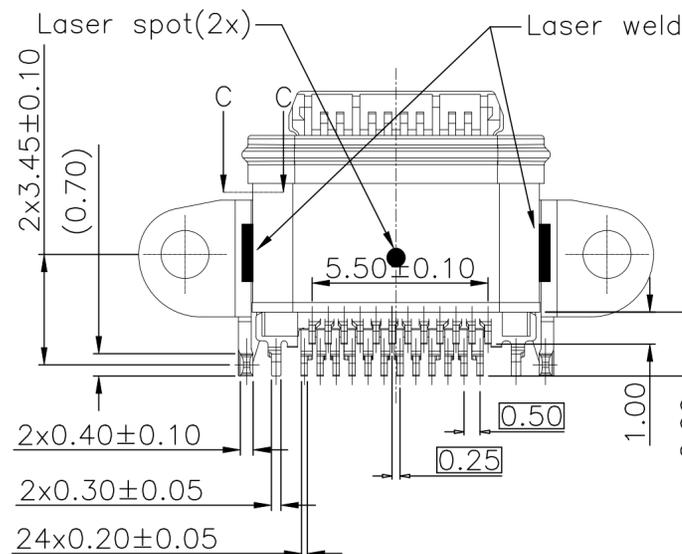
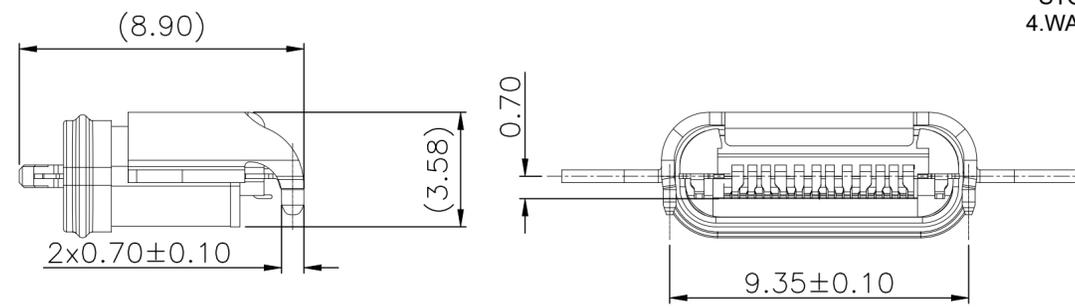
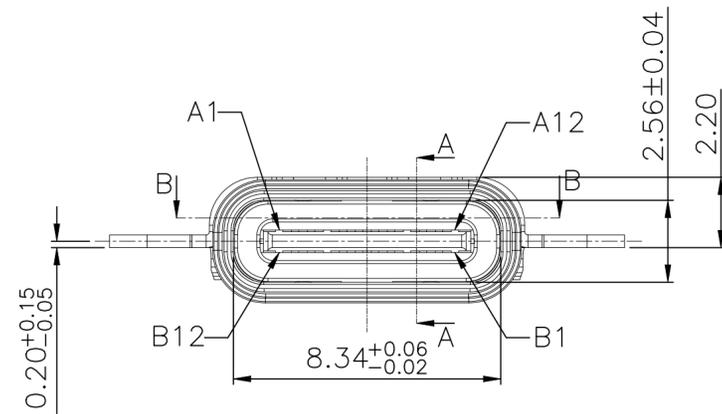


P	LTR	DESCRIPTION	DATE	DWN	APVD
A	RELEASED PER	ECN-25-303637	25JAN2025	TR	RCG



- NOTE :**
- MECHANICAL PERFORMANCE:**
 - INSERTION FORCE: 5~20N.
 - EXTRACTION FORCE: 8~20N INITIAL, 6~20N AFTER TEST;
 - 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
 - WATERPROOF: IPX8**



PIN DEFINITION:

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
Mid Plate	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

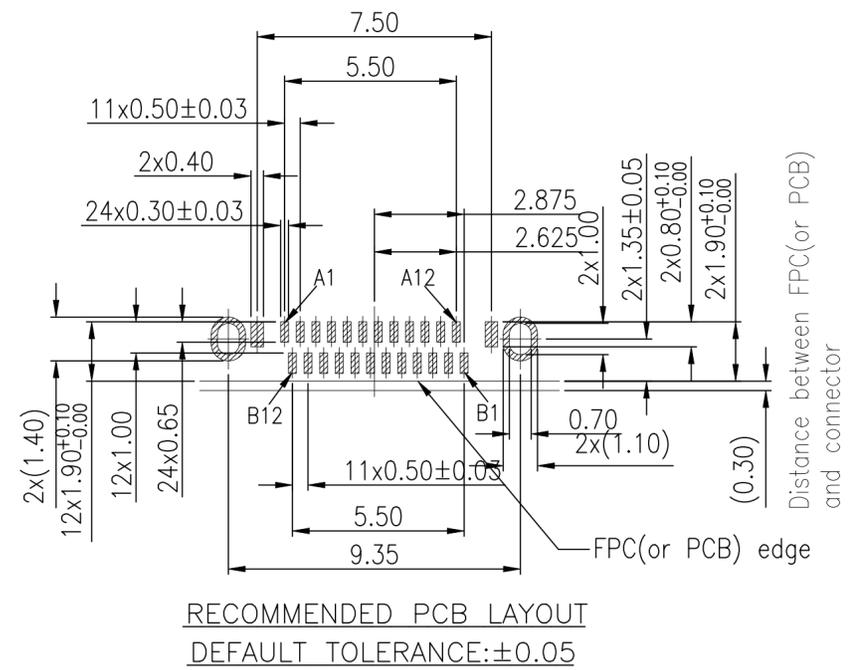
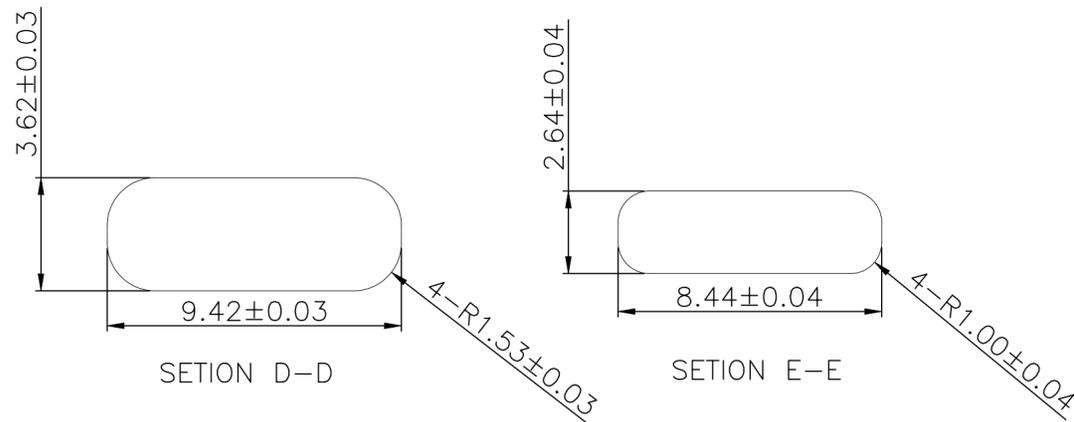
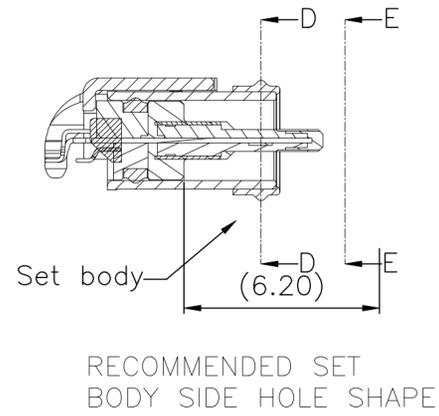
(GND pins(A1,A12,B1,B12) and Mid Plate) should connect together in PCB circuit.)

NO.	Part Name	Q'TY	Material	Finish
9	Liquid Rubber	1PCS	Si	Color:Black
8	Rubber		Si	Color:Black
7	Insertmolding	1PCS	LCP E6808	Color:Black UL94 V-0
6	Bottom Contact	12PCS	C18150-R540, T=0.12	Mating Area: Ni 50u"MIN.+Au 15u" Min.
5	Top Contact	12PCS	C18150-R540, T=0.12	Solder Tails: Ni 50u"MIN.+Au 1u" Min.
4	Mid Plate	1PCS	SUS301R-H, T=0.15	Ni 50u"Min.+Solder area: Au 1u"Min.
3	GND Plate	2PCS	SUS301R-H, T=0.10	None
2	Shell	1PCS	SUS316, T=0.30	Ni:50u" Min.
1	Frame	1PCS	SUS304R-1/2H, T=0.30	Ni:50u" Min.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC ± 0.08 4 PLC ± - ANGLES ± 2°	DWN TARUN, R 28NOV2024 CHK NAIR, SREE KUMAR 28NOV2024 APVD RAGHAVAN, CG 28NOV2024	NAME RAGHAVAN, CG	TE Connectivity
MATERIAL	FINISH	PRODUCT SPEC 108-161701 APPLICATION SPEC 114-161286	WEIGHT -	USB TYPE C RECEPTACLE 24P WATERPROOF
		SIZE A2	CAGE CODE 00779	DRAWING NO C=2495711
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 of 2

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 28NOV2024		
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 108-161701	RESTRICTED TO	
MATERIAL		APPLICATION SPEC 114-161286	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT -	DRAWING NO C=2495711	SCALE 1:1
		CUSTOMER DRAWING	SHEET 2 OF 2	REV A

2495711