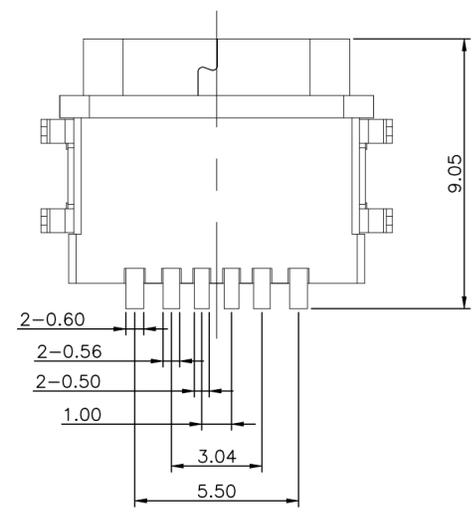
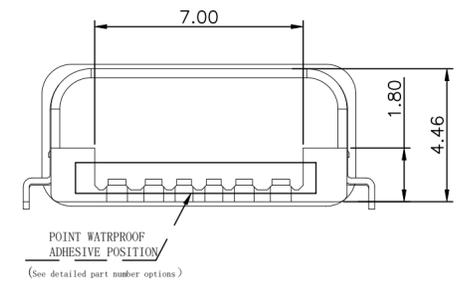
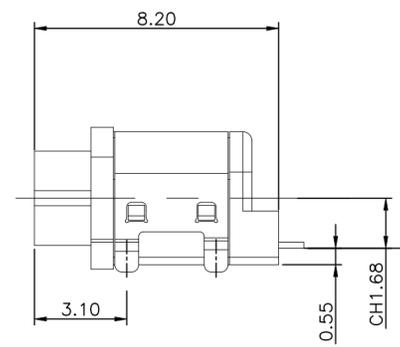
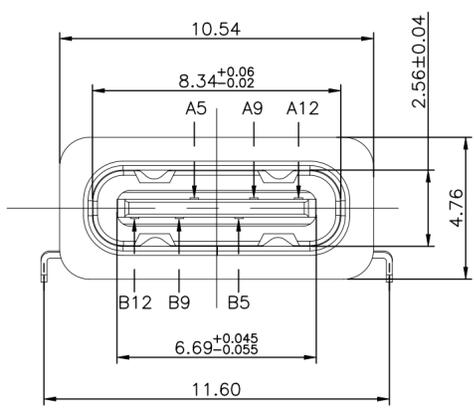
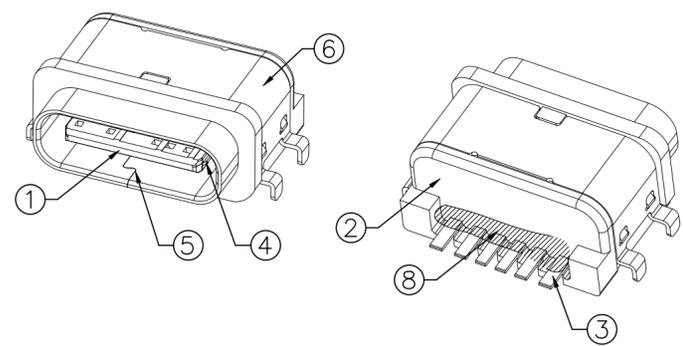
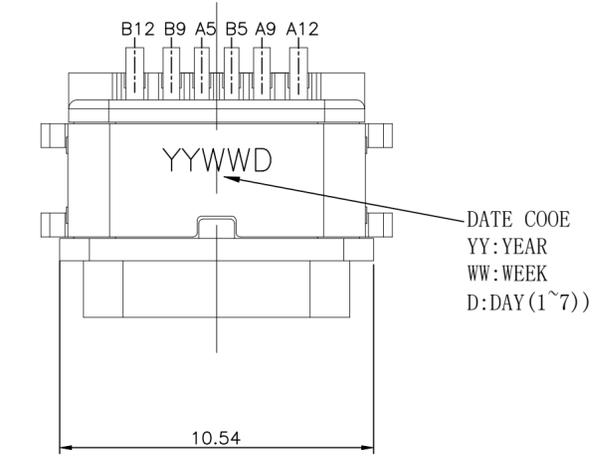


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A	RELEASED PER	ECN-25-303637	25JAN2025	TR	RCG



**NOTES:**  
**SPECIFICATION:**  
 1. CURRENT RATING: 3.0A MAX.  
 2. VOLTAGE: 20V DC/AC (RMS. MAX)  
 3. LLCR:.  
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
 SHIELD:50mΩ/MAX.  
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.  
 4. TEMPERATURE RANGE: -40 °C ~ 85 °C  
 5. CONTACT RESISTANCE:40MΩ MAX. .  
 6. INSULATION RESISTANCE: 100 MΩ MIN.  
 7. INSERTION FORCE: 5N~20N  
 8. UNMATING FORCE: 8N~20N  
 9. DURABILITY: 10,000 CYCLES  
 10.IR REFLOW:  
 THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.  
 11.WATERPROOF GRADE : IP-X7

PIN NO	A1&B12	A4&B9	A5	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	CC1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6

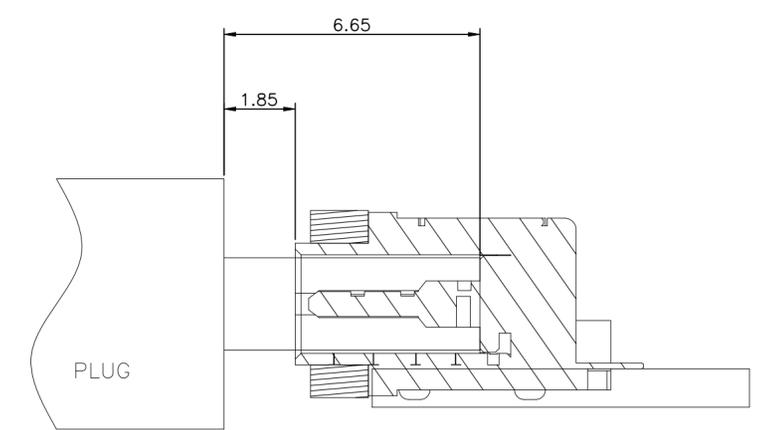
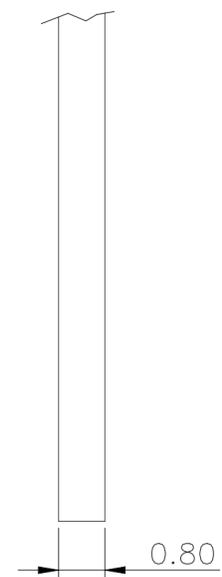
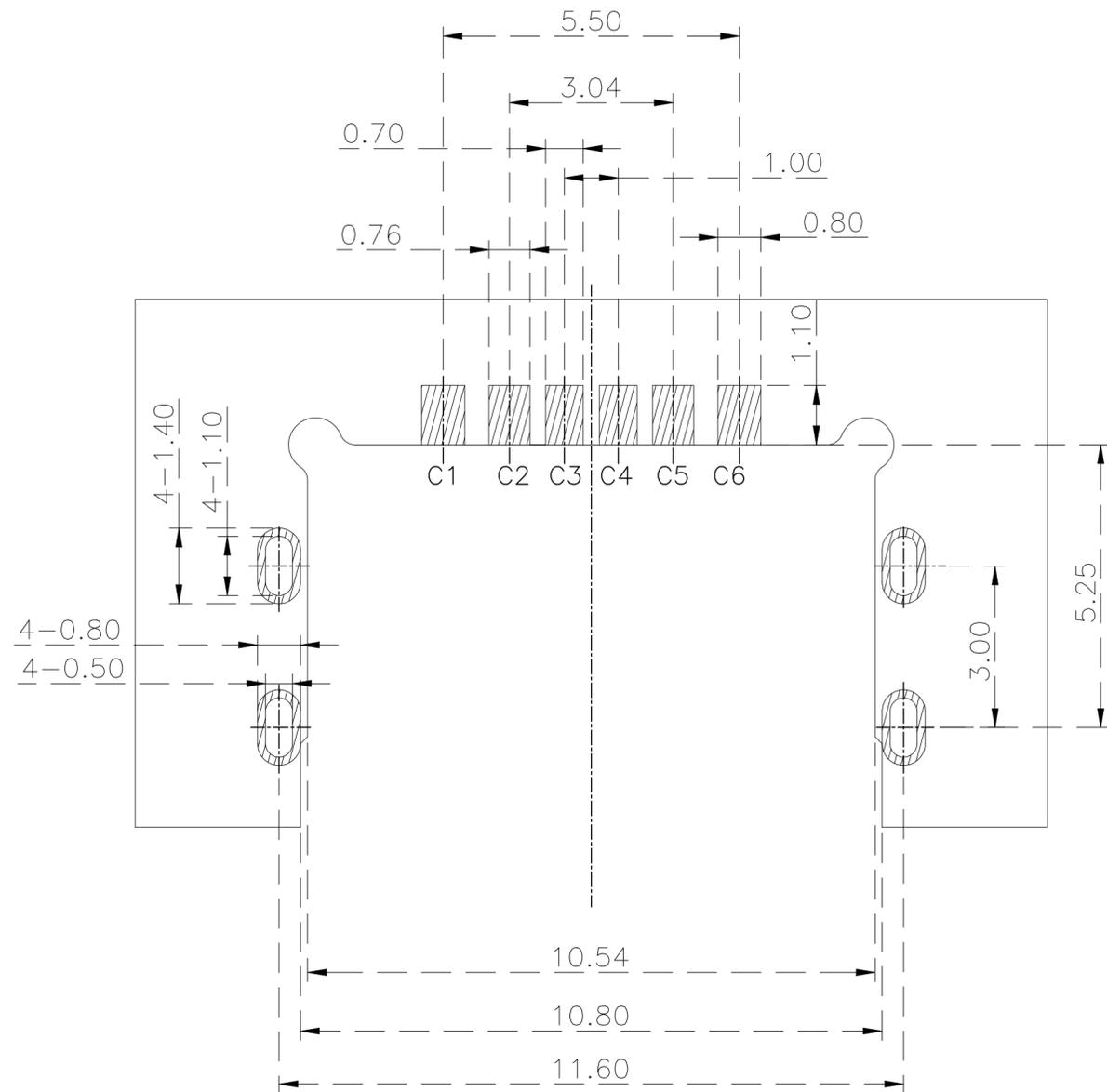
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
8	GLUE	EPOXY GLUE	BLACK	----
7	O-RING	SILICONE RUBBER	BLACK 60A	1PCS
6	OUT SHELL	STAINLESS STEEL SUS304 T=0.30mm	NI30u"MINPlated	1PCS
5	INSIDE SHELL	STAINLESS STEEL SUS304 T=0.20mm	NI30u"MINPlated	1PCS
4	SHIELDING PLATE	STAINLESS STEEL SUS301 T=0.15mm	--	1PCS
3	CONTACT	COPPER ALLOY C2680 T=0.20mm	Contact Area 1u" ,Frogging tin in the welding area 50u"Min	1SET
2	SHELL HOUSING	HIGH TEMPERATURE PLASTIC LCP UL94V-0	BLACK	1PCS
1	HOUSING	HIGH TEMPERATURE PLASTIC LCP UL94V-0	BLACK	1PCS

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 27NOV2024 CHK NAIR, SREE KUMAR 28NOV2024 APVD RAGHAVAN, CG 28NOV2024	NAME RAGHAVAN, CG	PRODUCT SPEC 108-161695	APPLICATION SPEC 114-161280	SIZE A2	CAGE CODE 00779	DRAWING NO C=2495703	RESTRICTED TO -
MATERIAL -	FINISH -	WEIGHT -	CUSTOMER DRAWING	SCALE 1:1	SHEET 1 of 3	REV A			

TE Connectivity  
 USB TYPE C RECEPTACLE 6P  
 WATERPROOF

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

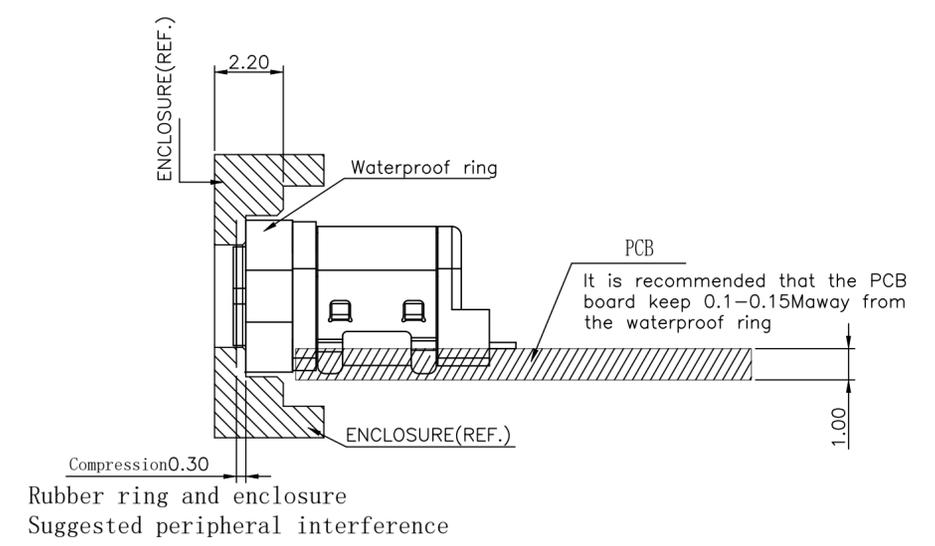
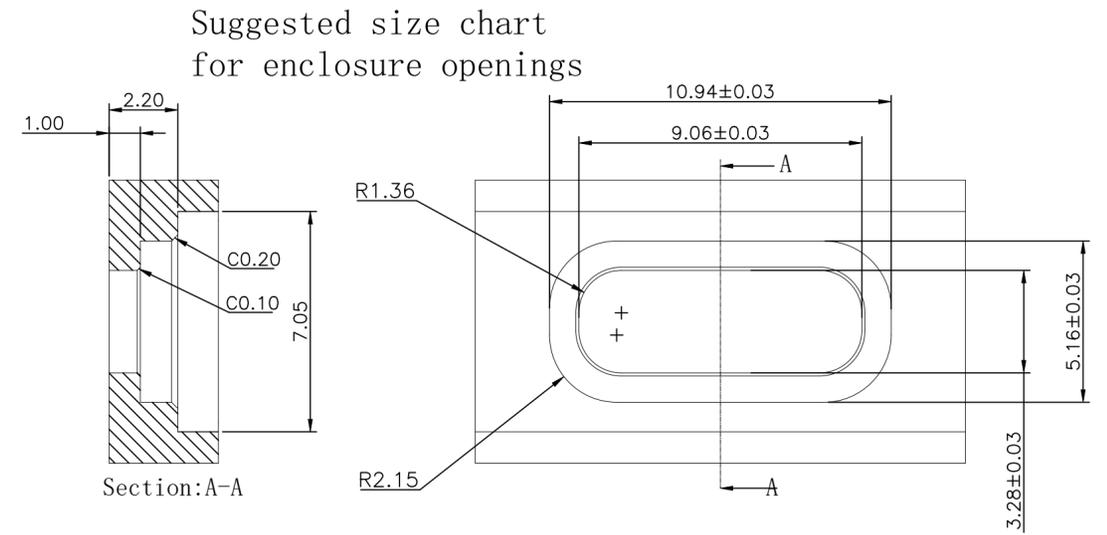
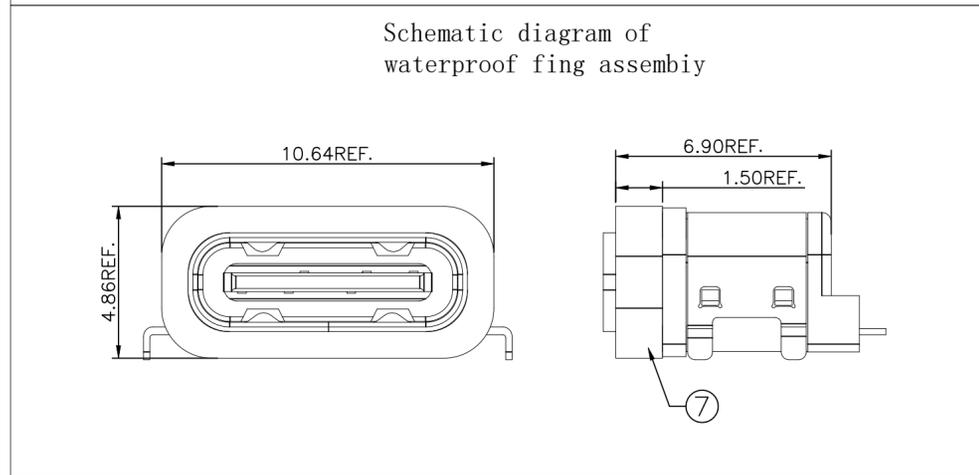
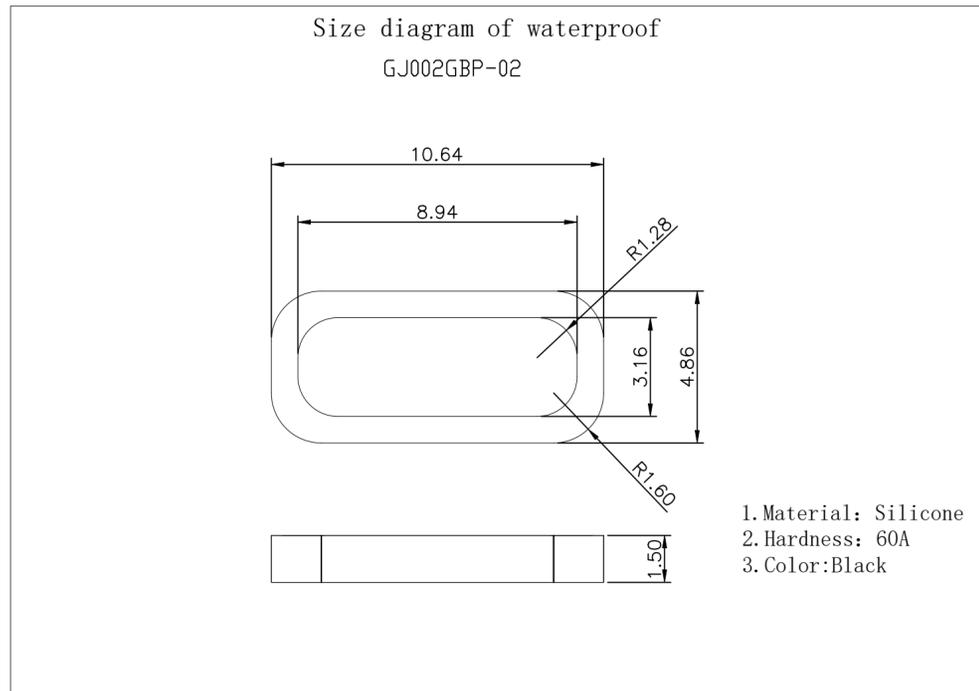


MATED CONDITION(REF.)

RECOMMENDED P.C.B. LAYOUT  
 TOLERANCE UNSPECIFIED ±0.05mm  
 SCALE:2:1

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 6P WATERPROOF		
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC ± 0.08 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161695	SIZE A2	CAGE CODE 00779	DRAWING NO C=2495703
MATERIAL		WEIGHT	RESTRICTED TO		
FINISH		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 3	REV A

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



**RECOMMENDED SCHEMATIC DRAWING  
OF CONNECTOR MATCH CHASSIS**

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 6P WATERPROOF		
0 PLC ± -		PRODUCT SPEC 108-161695	SIZE A2	CAGE CODE 00779	DRAWING NO C=2495703
1 PLC ± 0.25		APPLICATION SPEC 114-161280	SCALE 1:1	SHEET 3 OF 3	REV A
2 PLC ± 0.15		MATERIAL -	RESTRICTED TO -		
3 PLC ± 0.08		FINISH -	CUSTOMER DRAWING		
4 PLC ± -					
ANGLES ± 2°					