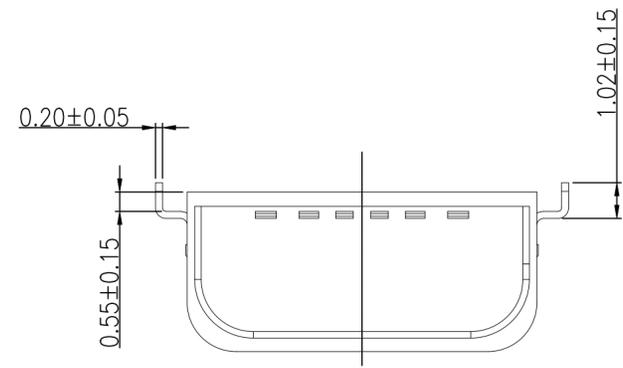
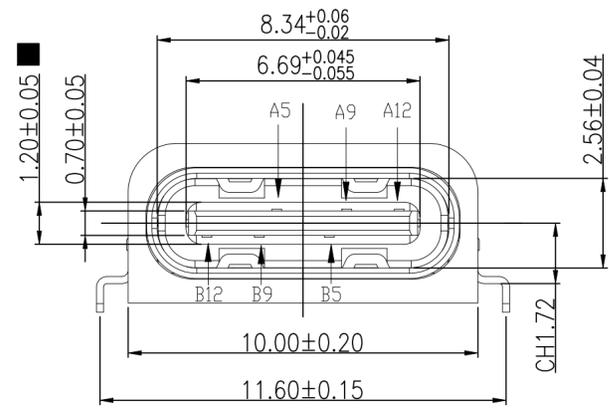
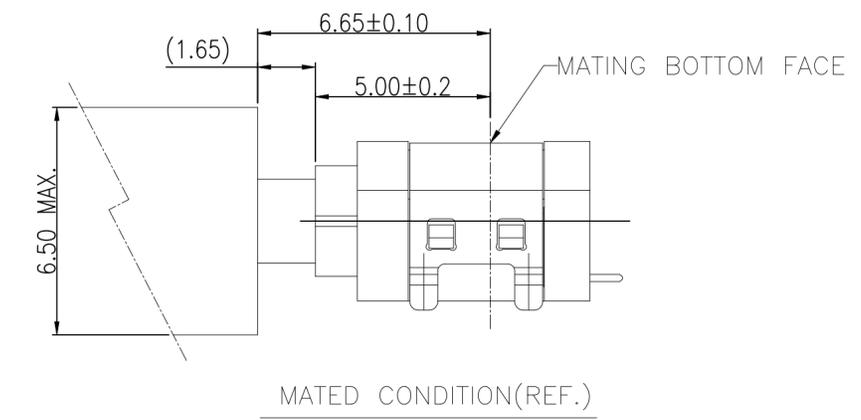
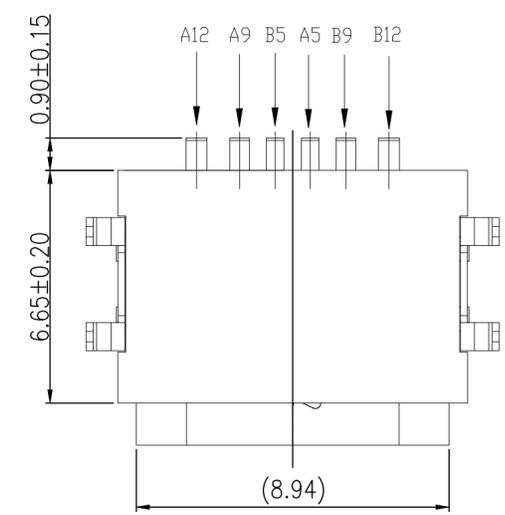
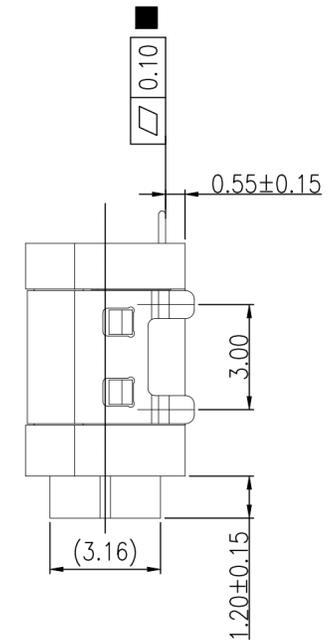
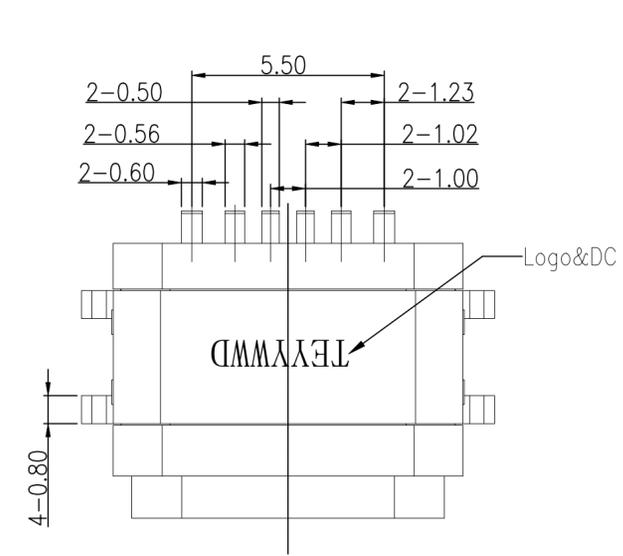
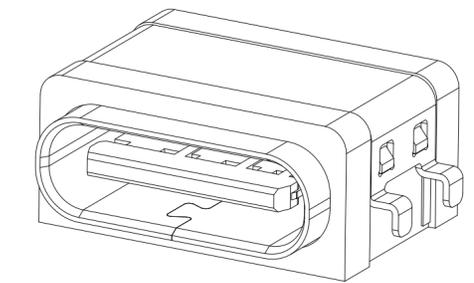


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		RELEASED PER ECN-25-303231	22JAN2025	TR	RCG



USB Type-C Pin Assignments

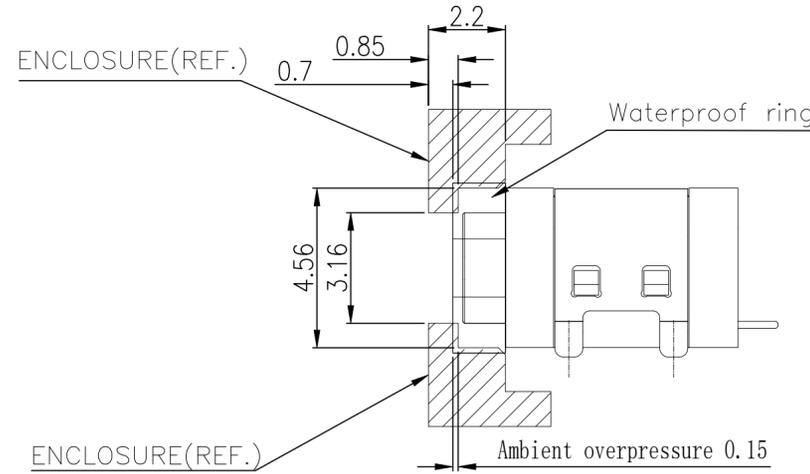
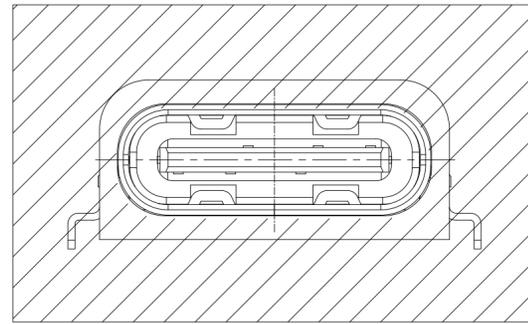
Pin Number	Signal Assignment	Pin Number	Signal Assignment
A5	CC1	B12	GND
A9	Vbus	B9	Vbus
A12	GND	B5	CC2



6	WATERPROOF RING	SILICA GEL	BLACK	1PCS
5	SHELL	STAINLESS STEEL	NI Plated	1PCS
4	SHIELDING PLATE	STAINLESS STEEL	NI Plated	1PCS
3	CONTACT	COPPER ALLOY	TIN 80u"MIN/Au:GOLD FLASH/NI 50u"MIN Plated	1SET
2	SHEATH	PA46	BLACK	1PCS
1	HOUSING	LCP	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 05DEC2024	TE Connectivity Ltd.	
DIMENSIONS: mm [INCHES]		CHK NAIR, SREEKUMAR 05DEC2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 05DEC2024	NAME	
0 PLC ± 0.30		PRODUCT SPEC	USB TYPE C RECEPTACLE 6P WATERPROOF DIP+SMT CONN	
1 PLC ± 0.25		APPLICATION SPEC	108-161685	
2 PLC ± 0.20		WEIGHT	SIZE	CAGE CODE
3 PLC ± -		FINISH	A2	00779
4 PLC ± -		CUSTOMER DRAWING	DRAWING NO	RESTRICTED TO
ANGLES ± 2°		SCALE	C=2495157	1 of 2
FINISH		SCALE	1:1	REV A

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

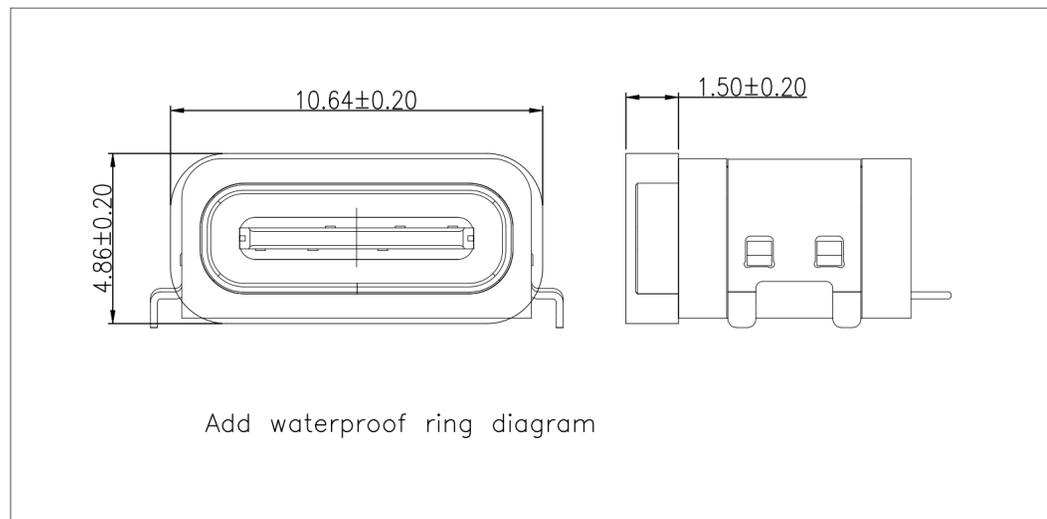
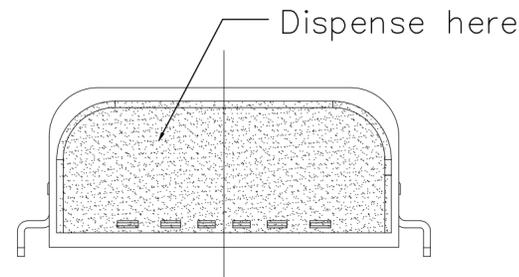
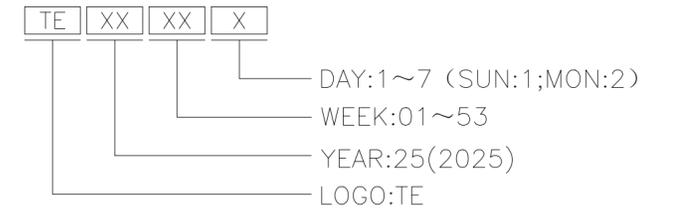


RECOMMENDED SCHEMATIC DRAWING OF CONNECTOR MATCH CHASSIS

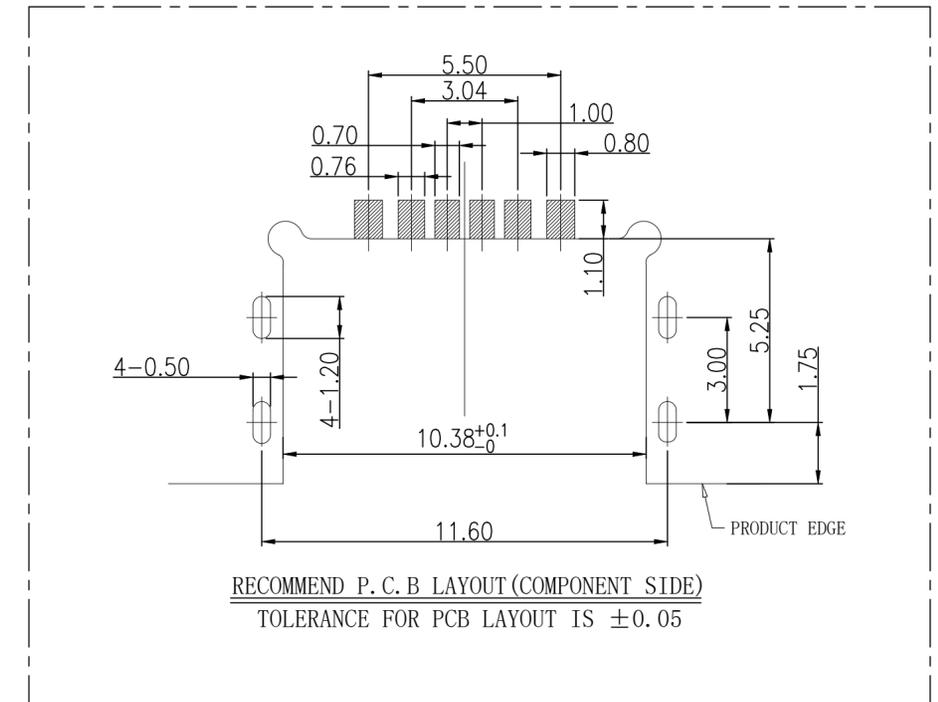
NOTES:

SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. VOLTAGE: 5 VAC
3. TEMPERATURE RANGE: -30 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 10,000 CYCLES
9. WATER PROOFNESS: THIS PRODUCT IS BASED ON IPX8 .
10. DATE CODE INFORMATION:



Add waterproof ring diagram



RECOMMEND P. C. B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ±0.05

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 05DEC2024	TE Connectivity Ltd.													
DIMENSIONS: mm [INCHES]		CHK NAIR, SREEKUMAR 05DEC2024														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 05DEC2024	NAME USB TYPE C RECEPTACLE 6P WATERPROOF DIP+SMT CONN													
<table border="0"> <tr><td>0 PLC</td><td>± 0.30</td></tr> <tr><td>1 PLC</td><td>± 0.25</td></tr> <tr><td>2 PLC</td><td>± 0.20</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± 2°</td></tr> </table>		0 PLC	± 0.30	1 PLC	± 0.25	2 PLC	± 0.20	3 PLC	± -	4 PLC	± -	ANGLES	± 2°	PRODUCT SPEC 108-161685	SIZE A2	
0 PLC	± 0.30															
1 PLC	± 0.25															
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3 PLC	± -															
4 PLC	± -															
ANGLES	± 2°															
MATERIAL		APPLICATION SPEC	CAGE CODE 00779	DRAWING NO C=2495157												
FINISH		WEIGHT	SCALE 1:1	SHEET 2 of 2												
		CUSTOMER DRAWING	REV A	RESTRICTED TO												