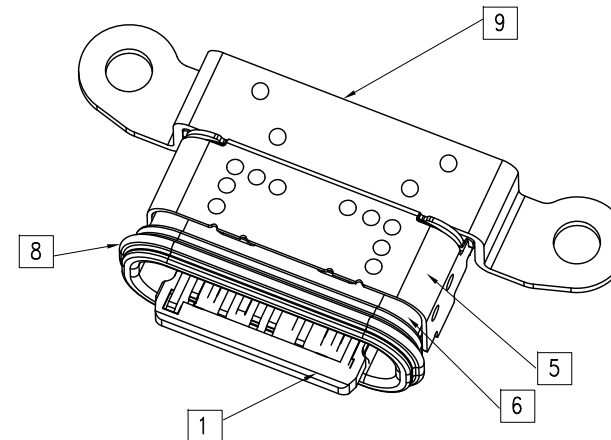
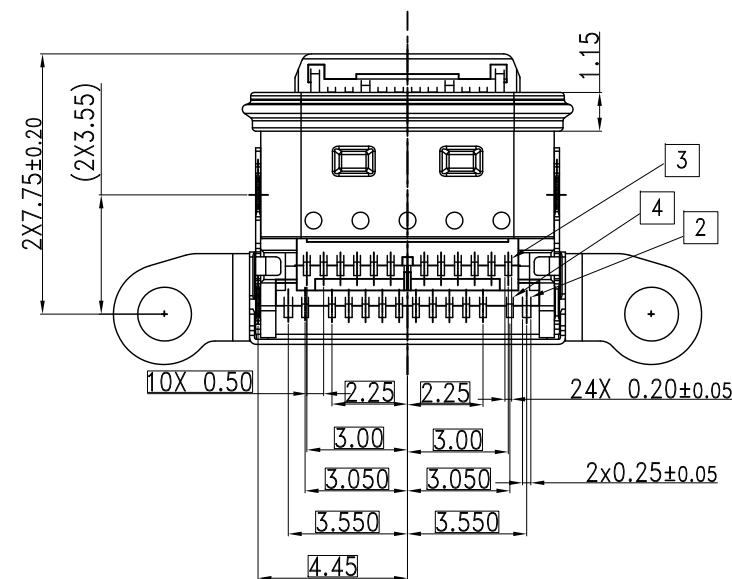
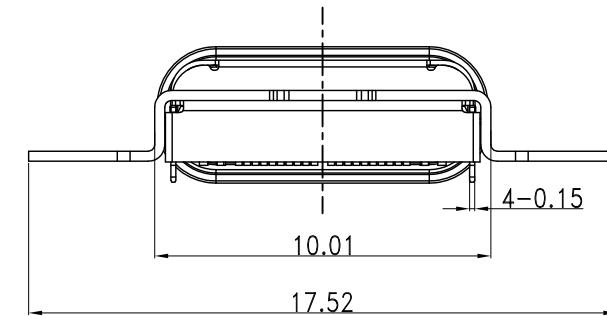
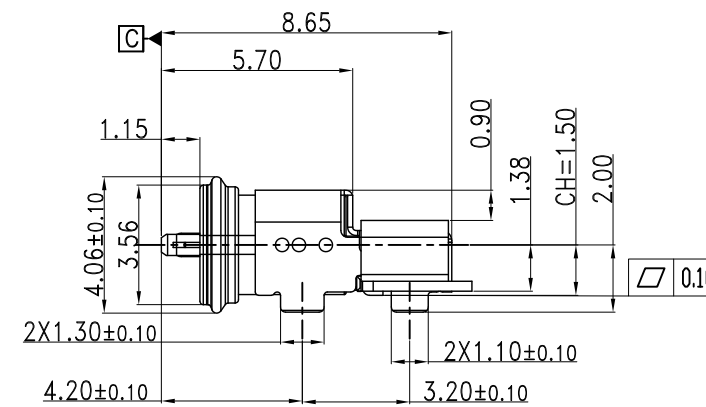
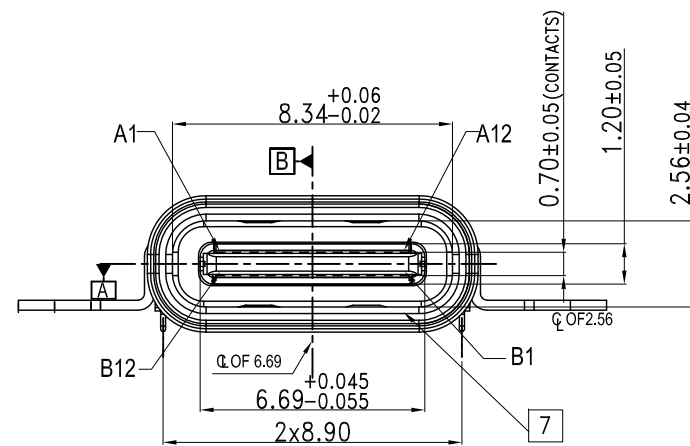



REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	18050004	NEW RELEASE	05/23/18
B	18*****	Update plating specifications	07/31/18
C	19*****	Update drawing	03/13/19



GENERAL	TOLERANCE	FILE.NO.	C12401879	PART.NO.	124018792112A	DRAWN	LEO.ZENG	MATERIAL		SCALE	1:1
X.±0.50	x. °± 5°	REV.	C	TITLE	USB TYPE C CONNECTOR TOP MOUNT(WATERPROOF)	CHECKED	WEISON.LU	DATE	03-13-2019	UNIT	MM
.X±0.38	.x °± 2°	SIZE		SHEET	1OF2	APPROVED	TOM	Amphenol Shouhmin Industry			
.XX±0.25	.xx ± 1°	A4									

REV.	ECN.NO.	MODIFY.CONTENT	DATE
SEE PAGE 1			


Figure 1: Recommended PCB layout for the 24V1.70A module. The diagram shows a top-down view of the module with various dimensions and labels. Key dimensions include overall width 14.52, overall height 3.55, and various internal spacing dimensions. Labels include '2x1.95', '2x1.45', '0.50', '2x0.30', 'A1', 'A12', 'B1', 'B12', '24x0.75', '3.20', '1.40', 'PCB EDGE', '2x8.90', '4x0.45', '2x2.15', '2x1.65', '24x0.25', '10x0.50', '1.75', '3.00', '3.05', '2.25', '1.00', '2-Ø1.70', 'Ø 0.10 B', and '-B-'. A note at the bottom states 'RECOMMENDED PCB LAYOUT (Tolerance=±0.05)'.



- 1.MATERIAL :SEE TABLE
- 2.COPLANARITY : 0.10 Max.
- 3.ELECTRICAL CHARACTERISTICS
 - LOW LEVEL CONTACT RESISTANCE: 40mΩ Max
 - INSULATION RESISTANCE:100MΩ MIN
 - DIELECTRIC WITHSTANDING VOLTAGE:100 VAC:
 - CONTACT CURRENT RATING:5A Max
- 4.MECHANICAL CHARACTERISTICS
 - INSERTION FORCE: 5~20N
 - EXTRACTION FORCE: 8~20N
 - AFTER DURABILITY EXTRACTION FORCE: 6~20N
- 5.DURABILITY: 10000 CYCLES
- 6.PACKAGING TYPE: CARRIER TAPE.
- 7.WATERPROOF LEVEL:IP68
- 8.USB 3.1 GEN2
- 9.MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN002
AND CUSTOMER REQUIREMENTS, FOR HALOGEN FREE PRODUCTS,
ALSO NEED TO MEET SSN004

9	OUTER SHELL	1	STAINLESS STEEL	CLEAN
8	LIM	1	CHN-IMS-50-A/B	BLACK
7	SMALL SHELL	1	STAINLESS STEEL	CLEAN
6	MAIN SHELL	1	STAINLESS STEEL	CLEAN
5	SUB-SHELL	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
4	TOP TERMINAL	1	COPPER ALLOY	MATING SIDE: Au30u" MIN; SOLDER TAIL: Au3~8u", 80-150u" NICKEL OVERALL.
3	BOTTOM TERMINAL	1	COPPER ALLOY	MATING SIDE: Au30u" MIN; SOLDER TAIL: Au3~8u", 80-150u" NICKEL OVERALL.
2	MID PLATE	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
1	MAIN HOUSING	1	NYLON	BLACK
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH

BILL OF MATERIAL

GENERAL TOLERANCE		FILE.NO.	C12401879	PART.NO.	124018792112A	DRAWN	LEO.ZENG	MATERIAL		SCALE	1:1
X.±0.50	x. °± 5°	REV.	C	TITLE	USB TYPE C CONNECTOR TOP MOUNT(WATERPROOF)	CHECKED	WEISON.LU	DATE	03-13-2019	UNIT	MM
.X±0.38	.x °± 2°	SIZE		SHEET	20F2	APPROVED	TOM	Amphenol Shouhmin Industry			
.XX±0.25	.xx± 1°	A4									

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