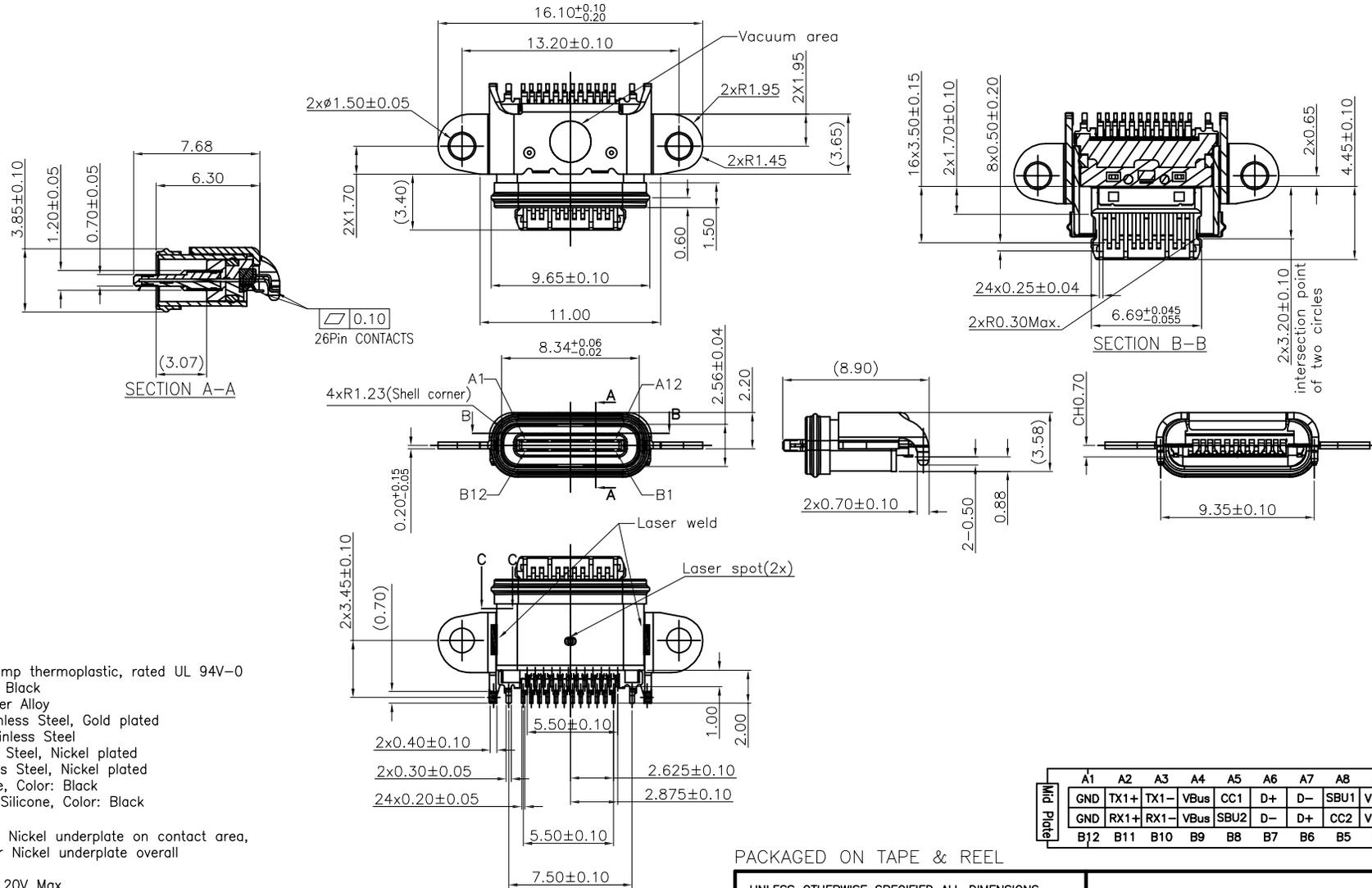


APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/13/22	
A		UPDATE TITLE	6/27/24	WX/RC
B		UPDATE DRAWING	6/25/25	LW1/AY1



**SPECIFICATIONS:**

**Material:**  
 Insulator: Hi-temp thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 Mid Plate: Stainless Steel, Gold plated  
 GND Plate: Stainless Steel  
 Shell: Stainless Steel, Nickel plated  
 Frame: Stainless Steel, Nickel plated  
 Rubber: Silicone, Color: Black  
 Liquid Rubber: Silicone, Color: Black

**Plating:**  
 30u" Gold over Nickel underplate on contact area,  
 Gold Flash over Nickel underplate overall

**Electrical:**  
 Voltage rating: 20V Max  
 Current rating: 5A Min (VBUS pins)  
 0.25A (other pins)  
 Contact resistance: 40 mohms max  
 Insulation resistance: 100 Mohms min  
 Dielectric withstanding voltage: 100V AC For 1 Minute

**Mechanical:**  
 Insertion Force: 5~20N  
 Extraction Force: 8~20N, After Test: 6~20N  
 Durability: 10,000 Cycles

**Temperature Rating:**  
 Operating temperature: -30°C to +85°C

**Environmental:**  
 Waterproof: IP68  
 Lead free, RoHS compliant.



	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

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

	MM	ANGLE
.X	± 0.30	± 3°
.XX	± 0.25	
.XXX	± 0.10	

DRAWN	LH	1/13/22
CHECKED	RL	1/13/22
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH



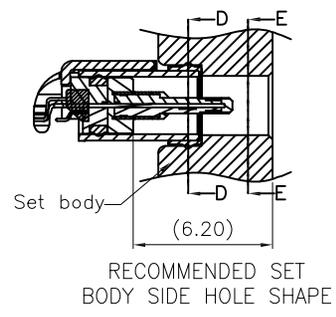
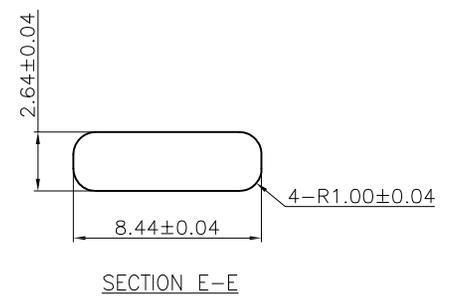
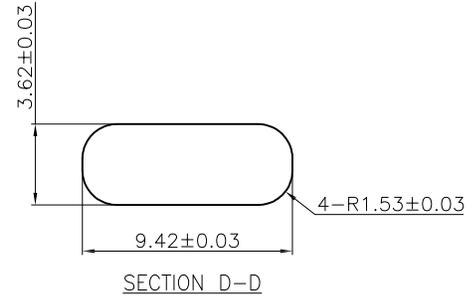
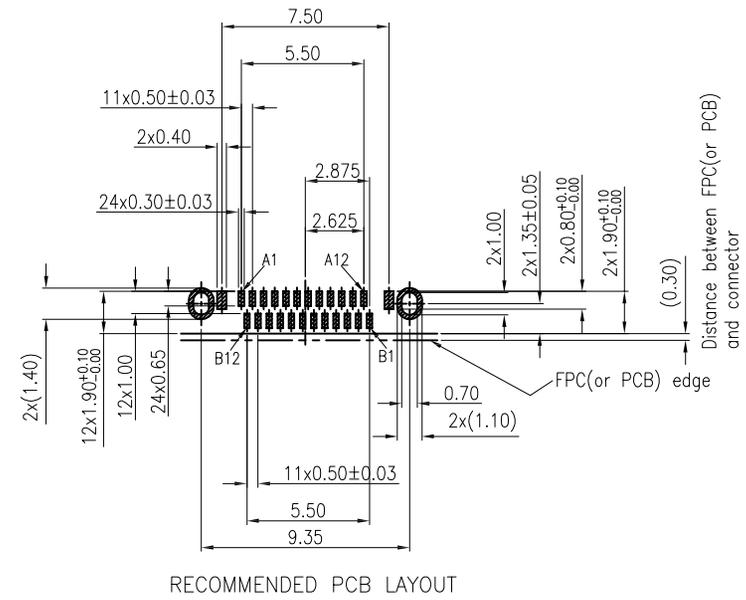
TITLE: **USB TYPE C, FEMALE, WATER PROOF, TRANSMISSION EFFICIENCY: Gen2 10Gbps EDGE HANG TYPE**

SIZE	PART NO.	REV.
X	USB-C32-S-RA-EH-WP-BK-CS42-T/R	B
REF:	S00220C	SCALE: NTS SHEET 1 OF 2

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

	MM	ANGLE
.X	± 0.30	± 3°
.XX	± 0.25	
.XXX	± 0.10	

DRAWN	LH	1/13/22
CHECKED	RL	1/13/22
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

TITLE			USB TYPE C, FEMALE, WATER PROOF, TRANSMISSION EFFICIENCY: Gen2 10Gbps EDGE HANG TYPE		
SIZE	PART NO.	REV.			
X	USB-C32-S-RA-EH-WP-BK-CS42-T/R	B			
REF:	S90220C	SCALE:	NTS	SHEET 2 OF 2	