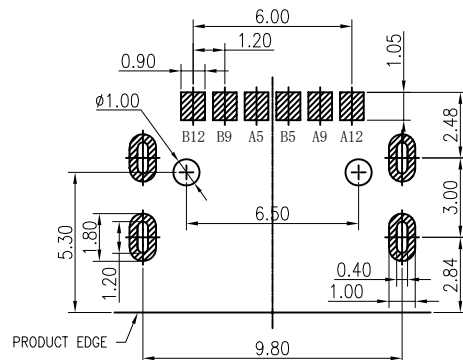
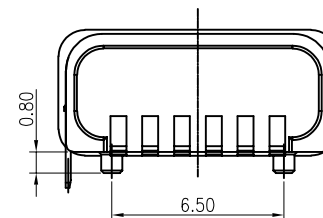
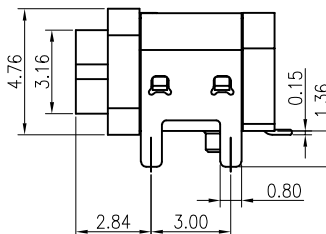
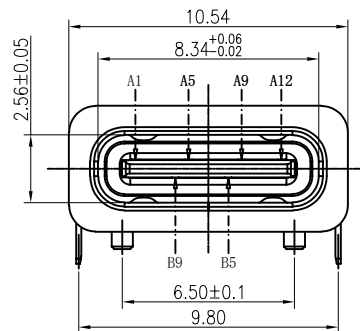
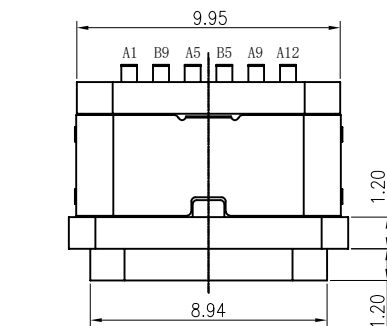


APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Steel

Mid Plat: Stainless Steel, Clear Only

Shell: Stainless Steel, Nickel plated

Shielding Plate: Stainless Steel, Nickel plated

Waterproof: Silicone Rubber, Color: Black

Plating:

Gold flash over Nickel underplate on contact area

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 3V

Current rating: 3A

LLCR: 40 mohms Max (for VBUS/GND& Other Pins)

50 mohms Max (for Shield)

10 mohms Max (for LLCR Max, Change of all Pins)

Insulation resistance: 100 Mohms min.

Dielectric withstanding: 100V AC For 1 Minute

Mechanical:

Mating force: 0.5~2.0Kg

Unmated force: 0.8~2.0 Kg

Durability: 10,000 Cycles

Temperature Rating:

Operating temperature: -35°C ~ +85°C

Environmental:

Lead free, RoHS compliant.



Rev	AWO #	Description	Date	Appr
-		RELEASED	4/7/22	
A		UPDATE TITTLE	8/19/24	LH/RC
B		UPDATE DRAWING	1/10/25	LH/AC1
C		UPDATE DIM.	1/16/25	WY/AC1
D		UPDATE DRAWING	5/14/25	LW1/AC1

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND		
		B9	VBUS
A5	CC1		
		B5	CC2
A9	VBUS		
A12	GND		

PACKAGED ON TAPE & REEL

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

MM	ANGLE
.X ± .30	X. ±10°
.XX ± .20	.X ±8°
.XXX ± .10	.XX ±5°

DRAWN	WX	4/7/22
CHECKED	LW	4/7/22
APPROVED		

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



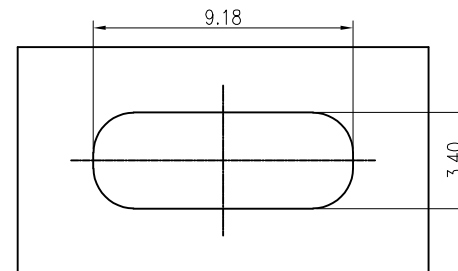
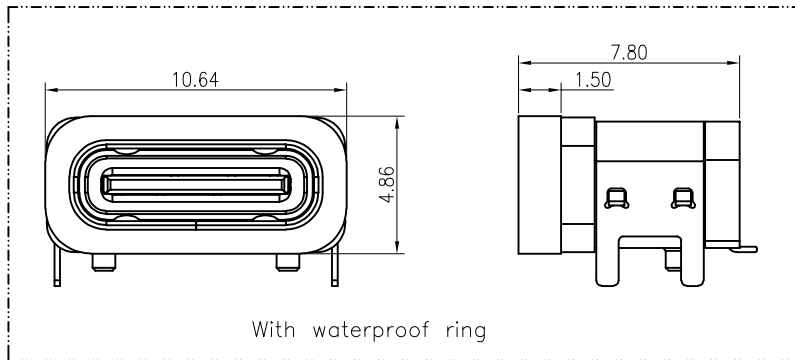
TITLE
UNIVERSAL SERIAL BUS, TYPE C, RECEPTACLE
RIGHT ANGLE SMT, POWER, 6P, IP68

SIZE X	PART NO. USB-C20-S-RA-CS22B-SMT-WP-BK-T/R	REV. D
REF: S00181C	SCALE: NTS	SHEET 1 OF 3

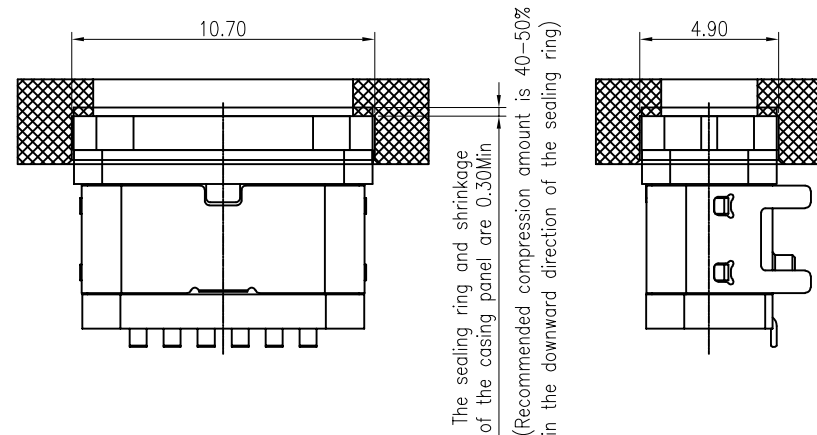
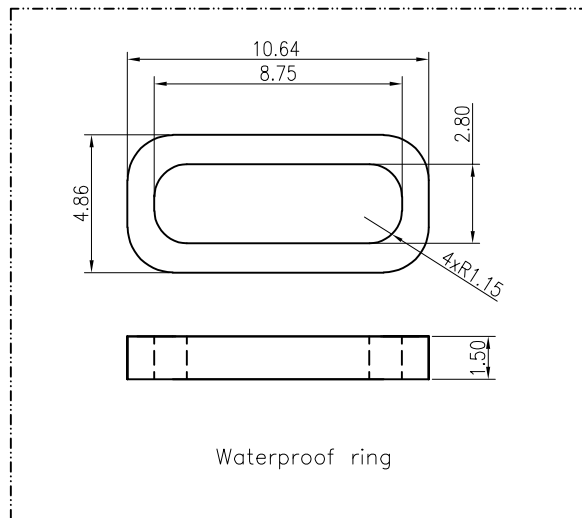
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



Seal opening reference size
(for reference only)
Environmentally friendly lubricating oil is
required when assembling the shell;



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

MM	ANGLE
.X ± .30	X. ± 10°
.XX ± .20	.X ± 8°
.XXX ± .10	.XX ± 5°

DRAWN	WX	4/7/22
CHECKED	LW	4/7/22
APPROVED		

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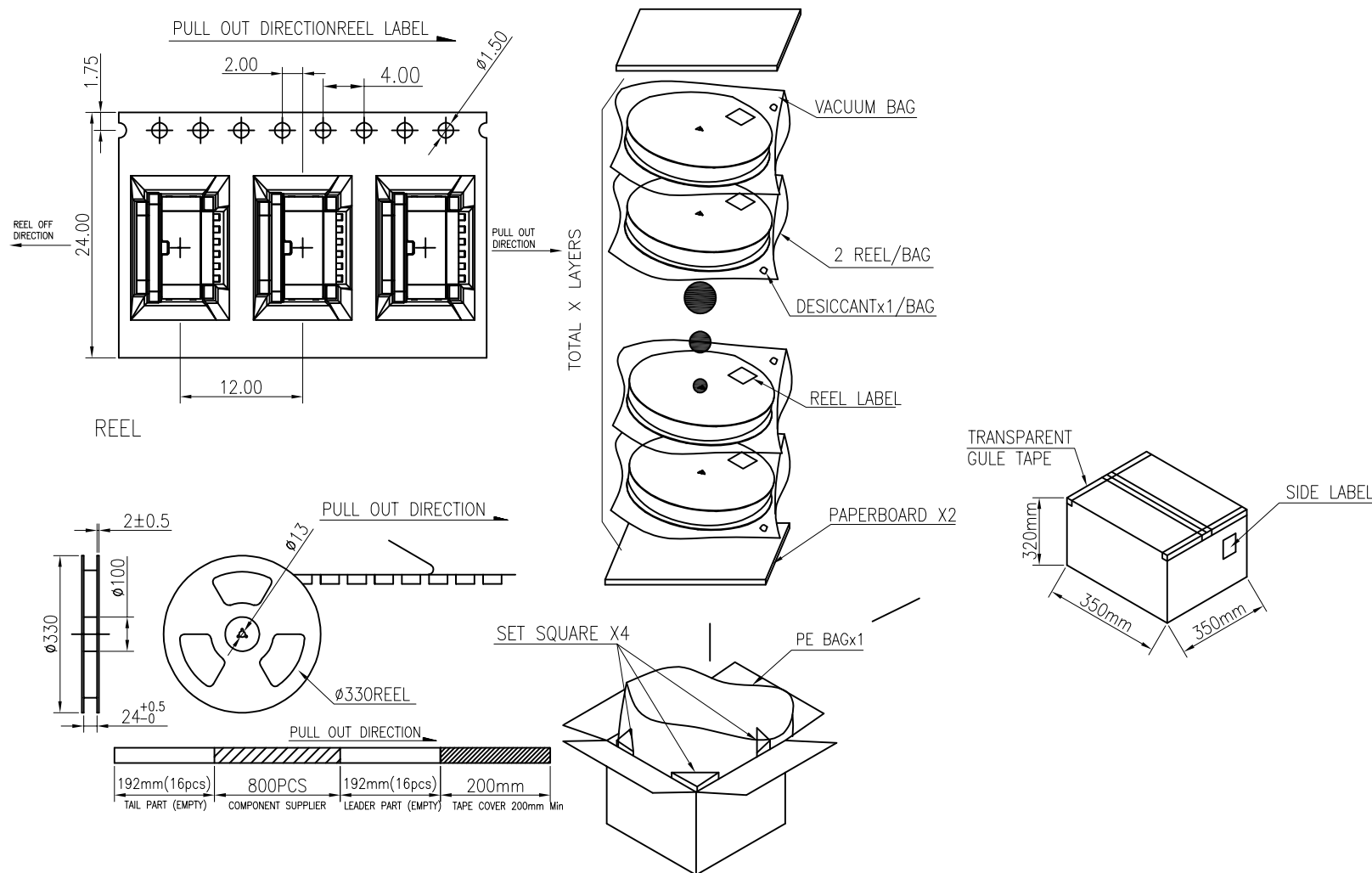
TITLE
**UNIVERSAL SERIAL BUS, TYPE C, RECEPTACLE
RIGHT ANGLE SMT, POWER, 6P, IP68**

SIZE X	PART NO. USB-C20-S-RA-CS22B-SMT-WP-BK-T/R	REV. D
REF: S00181C	SCALE: NTS	SHEET 2 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



NOTES:

1. MATERIAL:
 - 1.1 TAPE:PS,T=0.50±0.05mm,BLUE,ESD
 - 1.2 REEL:PS,
 - 1.3 COVER TAPE:PE,CLEAR.
2. PRIMARY PACKING:800PCS/REEL.
3. SECONDARY PACKING:8000PCS/10REEL/CARTON
4. PEELING RESISTANCE: 0.2N(20gf)MIN;
PEELING ANGLE: 165°~180°;
PEELING SPEED: 300mm/minutes.

WEIGHT INFORMATION:

1. PART MASS: 0.725g
2. GROSS WEIGHT: 9.58 KG
3. NET WEIGHT: 5.8 KG

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

MM		ANGLE	
.X	± .30	X.	± 10°
.XX	± .20	.X	± 8°
.XXX	± .10	.XX	± 5°

DRAWN	WX	4/7/22
CHECKED	LW	4/7/22
APPROVED		

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TITLE
UNIVERSAL SERIAL BUS, TYPE C, RECEPTACLE
RIGHT ANGLE SMT, POWER, 6P, IP68

SIZE X	PART NO. USB-C20-S-RA-CS22B-SMT-WP-BK-T/R	REV D
REF: S00181C	SCALE: NTS	SHEET 3 OF 3