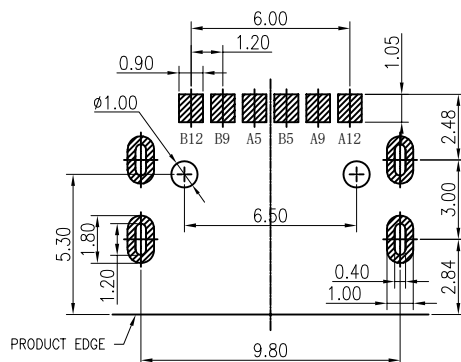
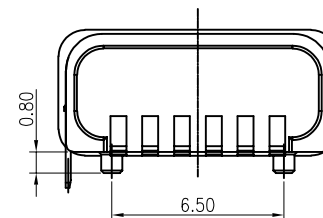
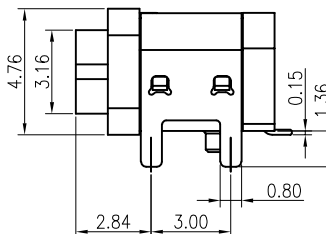
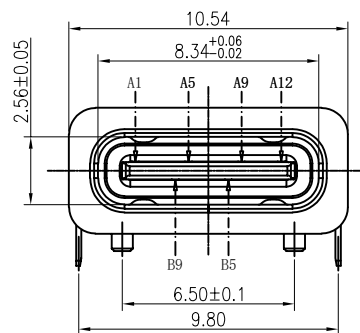
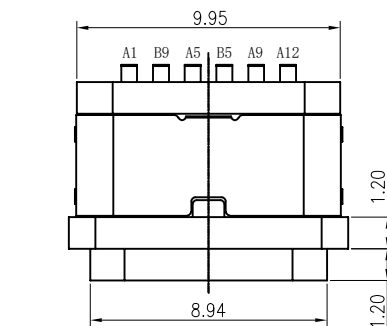


APPROVED: _____

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

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

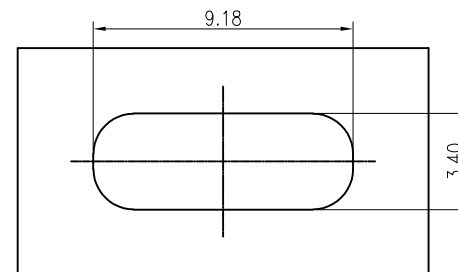
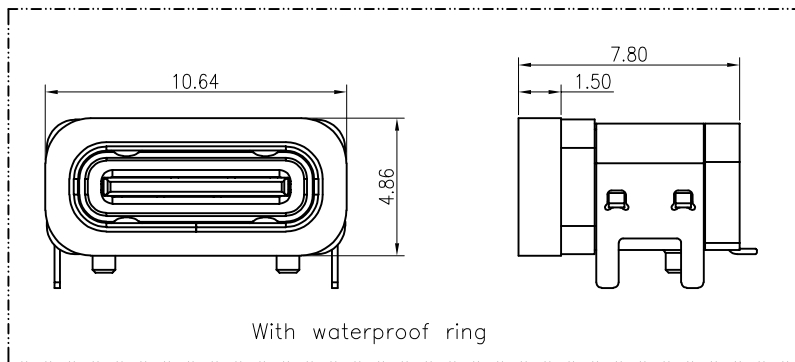
TITLE
**UNIVERSAL SERIAL BUS, TYPE C, RECEPTACLE
RIGHT ANGLE SMT, POWER, 6P, IP68**

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

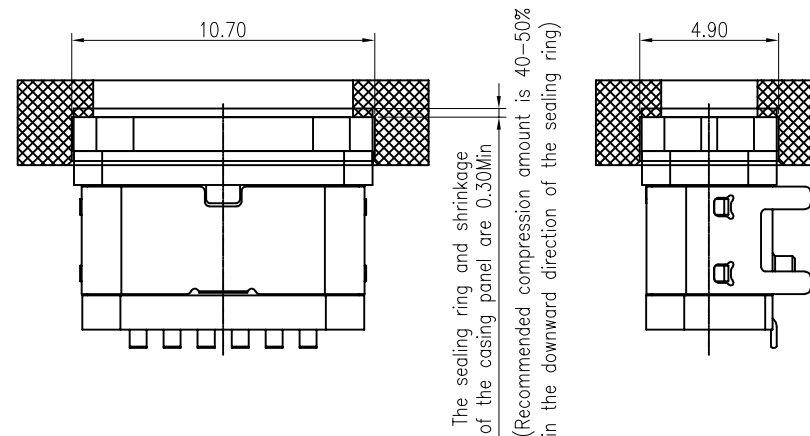
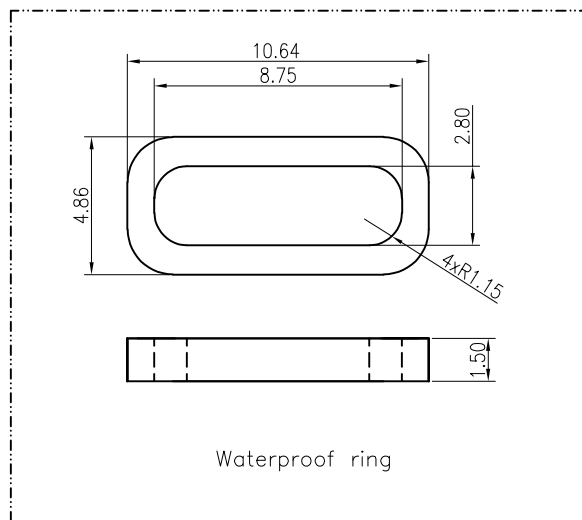
APPROVED: _____

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		

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

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [USB Connectors](#) category:

Click to view products by [Adam Tech](#) manufacturer:

Other Similar products are found below :

[A-USB A-LP-SMT-C](#) [A-USB B-TOP-C](#) [217450-1](#) [KUSBX-AS2N-W](#) [30-498-6](#) [SK-60A-2](#) [30-489](#) [A-USB A-2P-C](#) [USBFTVSCCG](#) [E8110-001-01](#) [MUSBA81130](#) [USB3FTV7APEG](#) [4198](#) [17-200011](#) [1040870124](#) [914-614A2025S10200](#) [1002-001-BL-KIT](#) [MUSBR-AHD2-M41-SK](#) [GSB3116344HR](#) [GSB343K331HR](#) [USBF21GSCC](#) [U221-041N-1WVS62-F5D](#) [HYCW153-USBD05-500B](#) [HYCW219-USBD05-075B](#) [HYCW148-USBD05-117B](#) [HYCW149-USBD05-740B](#) [HYCW204-USBD05-108B](#) [HYCW214-USBA04-113B](#) [HYCW213-USBA04-113B](#) [KMMX-BSMT35S-1-B30TR](#) [GT-2A001F-CGNG1](#) [GT-USB-7010i](#) [HC-ST-003-07-J](#) [918-418K2022Y40028](#) [920-462A2021Y10104](#) [AF 90°](#) [WJDG ZB](#) [TYPE-C 6P LCH10.5](#) [AM 180°](#) [MINI 5PTP-GZ](#) [TYPE-C 16PLC-H10.0](#) [TYPE-C 6PLCH10.5 073](#) [MINI 5P 90°4J](#) [10.0](#) [180°ZCZB-HJ](#) [AF 180°WJB15.0](#) [TYPE-C 6P CC](#) [MICRO 5.9ZB5.0\(040\)](#) [10.0 HCHTZB6.3](#) [10.0 180° ZCJB-HJ](#) [TYPE-C 14PLC-H10.0](#) [10.0 QCHTZB6.3-BD](#)