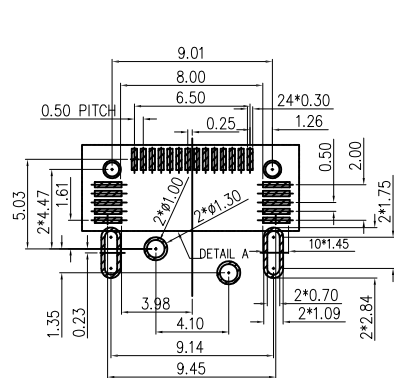


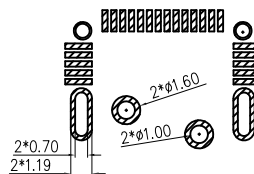
APPROVED: _____

DATE: _____ TITLE: _____

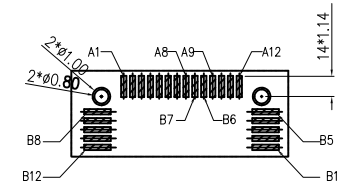
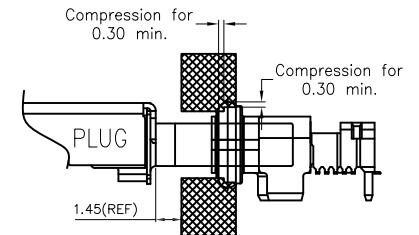
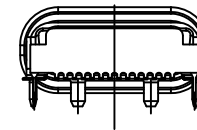
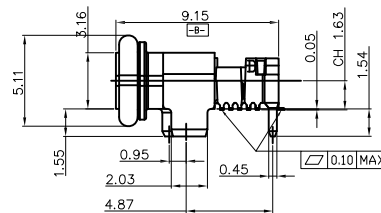
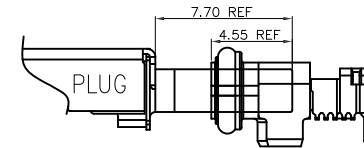
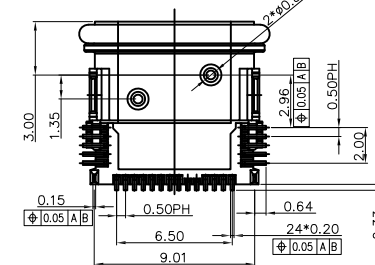
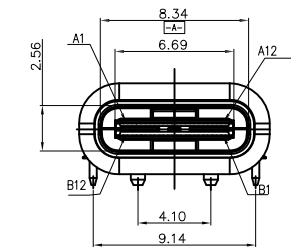
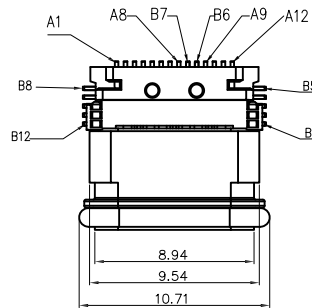
Rev	AWO #	Description	Date	Appr
-		RELEASED	7/23/20	
A		UPDATE TITLE	6/27/24	WX/RC



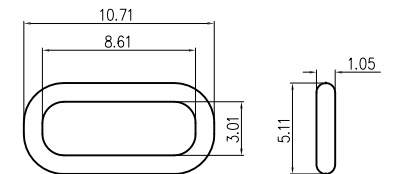
RECOMMENDED P.C.B LAYOUT



RECOMMENDED STENCIL LAYOUT



DETAIL A



O-Ring

SPECIFICATIONS:

Material:

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

Insulator color: Black

Contacts: Copper Alloy

Shell: Stainless Steel, Nickel plated

MID-Plate: Stainless Steel, Nickel plated

O-Ring: Silica Gel, Color: Black

Plating:

Gold Flash over Nickel underplate overall

Electrical:

Current rating: 3.0A for VBUS (I.E, Pins A4, A9, B4, B9)

1.25A for VCONN and GND Pin (I.E, Pins B5, A1, A12, B1, B12)

0.25A for Other

Voltage rating: 100 V AC/DC

Contact resistance: 40 mohms max

Insulation resistance: 100 Mohms min.

Dielectric withstanding: 100 VAC For 1 Minute

Mechanical:

Insertion: 5~20N

Extraction: 8~20N

Durability: 10,000 Cycles min

Temperature Rating:

Operating temperature: -55°C to +85°C

Environmental:

Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

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

MM	ANGLE
.X ± 0.30	X. ± 3°
.XX ± 0.20	.X ± 1°
.XXX ± 0.10	

DRAWN	LH	7/23/20
CHECKED	BL	7/23/20
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

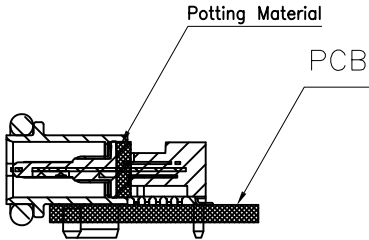
TITLE
UNIVERSAL SERIAL BUS, TYPE C, FEMALE
TRANSMISSION EFFICIENCY: Gen2 10G Bits / Sec
BLACK INSULATOR, WATERPROOF

SIZE X	PART NO. USB-C32-S-RA-CS30-WP-BK-T/R	REV. A
REF: S00275T	SCALE: NTS	SHEET 1 OF 2

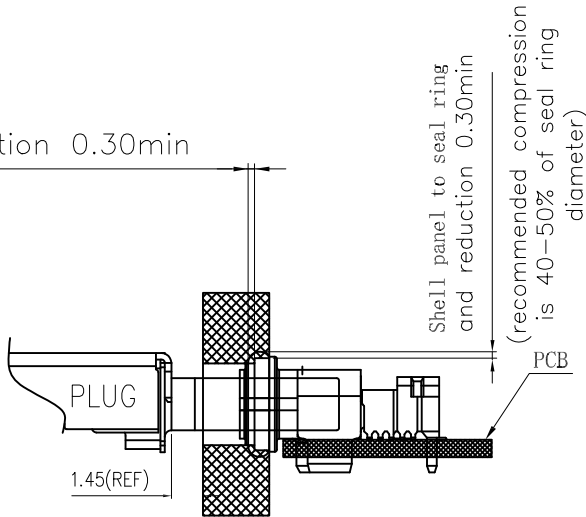
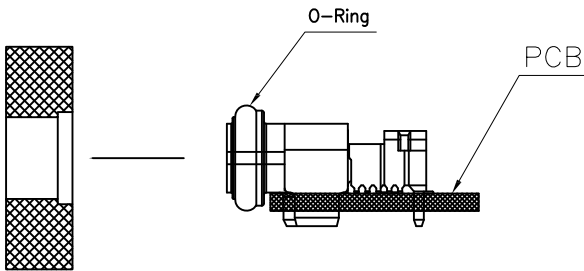
APPROVED: _____

DATE: _____ TITLE: _____

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



Shell panel to seal ring and reduction 0.30min
(recommended compression is 40–50% of seal ring diameter)



PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

Front and rear assembly mode

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
MM	ANGLE	
.X ± 0.30	X. ± 3°	
.XX ± 0.20	.X ± 1°	
.XXX ± 0.10		

DRAWN	LH	7/23/20
CHECKED	BL	7/23/20
APPROVED		

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



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

TITLE UNIVERSAL SERIAL BUS, TYPE C, FEMALE
TRANSMISSION EFFICIENCY: Gen2 10G Bits / Sec
BLACK INSULATOR, WATERPROOF

SIZE	PART NO.	REV.
X	USB-C32-S-RA-CS30-WP-BK-T/R	A