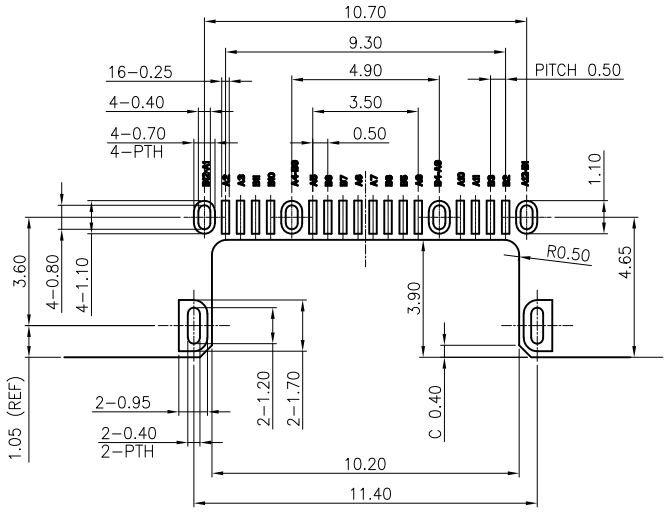
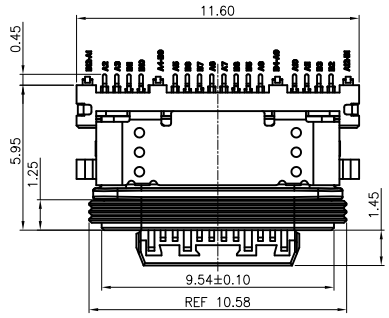
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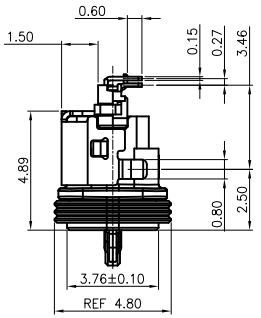
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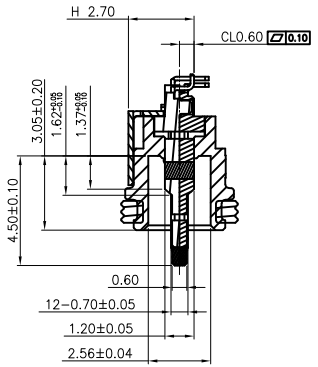
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/24/22	
A		UPDATE TITTLE	4/14/23	WX
B		UPDATE TITTLE	2/27/24	LH/RC



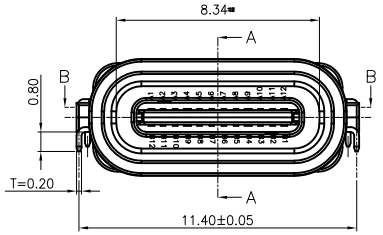
RECOMMENDED PCB LAYOUT

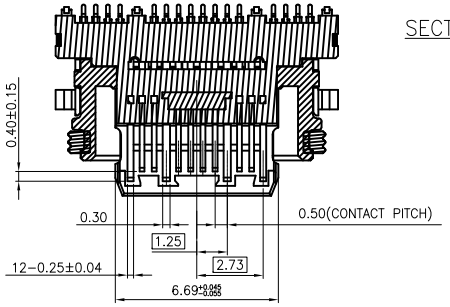




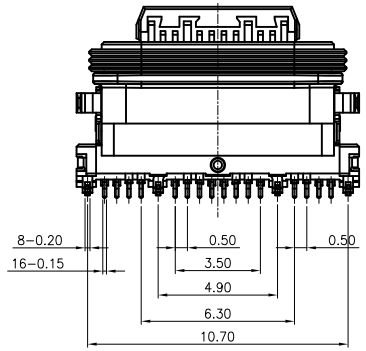


SECTION A-A





SECTION B-B



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V_{BUS}	First	B9	V_{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V_{BUS}	First	B4	V_{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shell: SUS304, Nickel plated

O-Ring: Silicon Rubber

Plating:

Gold flash over Nickel underplate overall

Electrical:

Current rating: 5A

Contact resistance: 40 mohms max for Initial.

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 100VAC R.M.S

Mechanical:

Mating Force: 5~20N

Unmated force: 6~20N After test

Durability cycles: 10000 cycles

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

waterproof: IPX8

Lead free, RoHS compliant

RoHS COMPLIANT

PACKAGED ON TAPE & REEL

TRANSMISSION EFFICIENCY: 40G

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

MM	ANGLE
X. ± .50	±2°
.X ± .30	
.XX ± .20	
.XXX ± .10	

DRAWN	JJ	11/24/22
CHECKED	AC1	11/24/22
APPROVED		

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

TITLE: USB TYPE C 4.0, GEN3X2, WATER PROOF IPX8, EDGE HANG TYPE, RIGHT ANGLE, TAPE & REEL

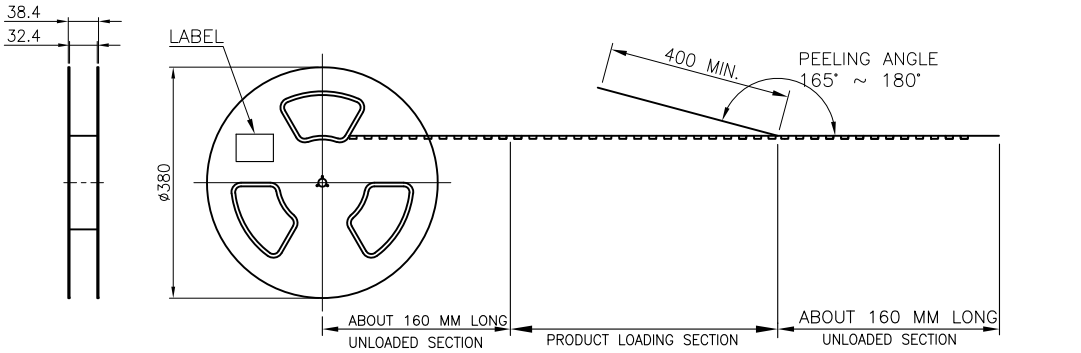
SIZE	PART NO.	REV.
X	USB-C40-S-RA-CS50-EH-WP-BK-T/R	B

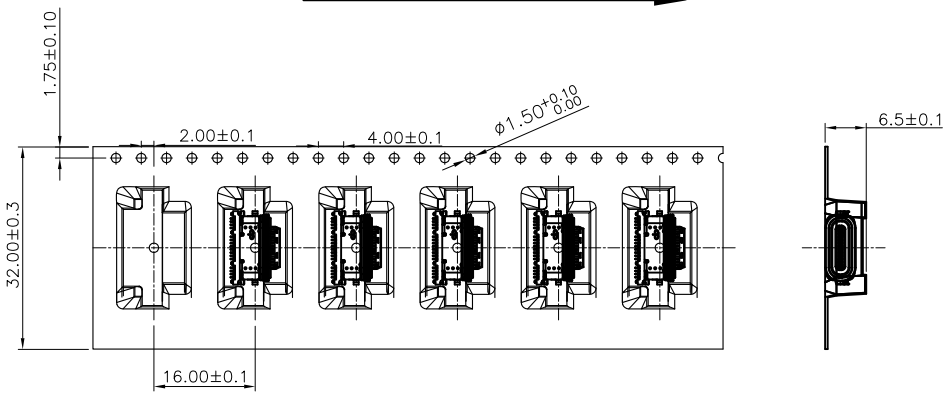
REF: S00197C | SCALE: NTS | SHEET 1 OF 2

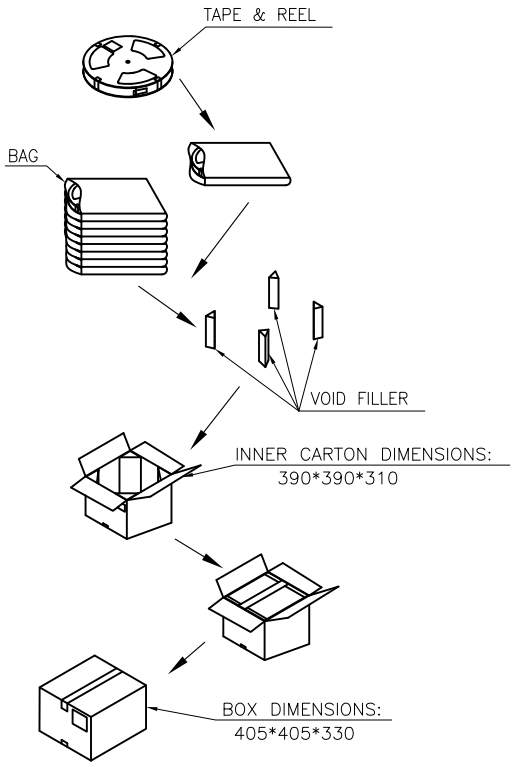
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____







NOTE:

1.MATERIAL:
BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL.
TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERTURE: 120°C, BLACK COLOR.
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERTURE: 70°C, BLUE COLOR.
BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERTURE: 100°C.

2.PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)

3.PEELING SPEED: 300 mm/min.

4.EACH BAG SHALL BE INCLUDED DESICCANT.

1000	10	10000 PCS	-- KG	-- KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

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

MM	ANGLE
X. ± .50	±2°
.X ± .30	
.XX ± .20	
.XXX ± .10	

DRAWN	JJ	11/24/22
CHECKED	AC1	11/24/22
APPROVED		

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TITLE
USB TYPE C 4.0, GEN3X2, WATER PROOF IPX8, EDGE HANG TYPE, RIGHT ANGLE, TAPE & REEL

SIZE	PART NO.	REV.
X	USB-C40-S-RA-CS50-EH-WP-BK-T/R	B

REF:	SCALE:	SHEET
S00197C	NTS	2 OF 2