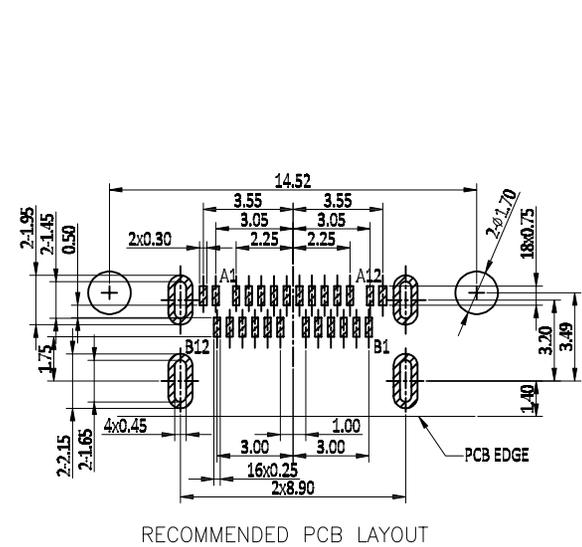


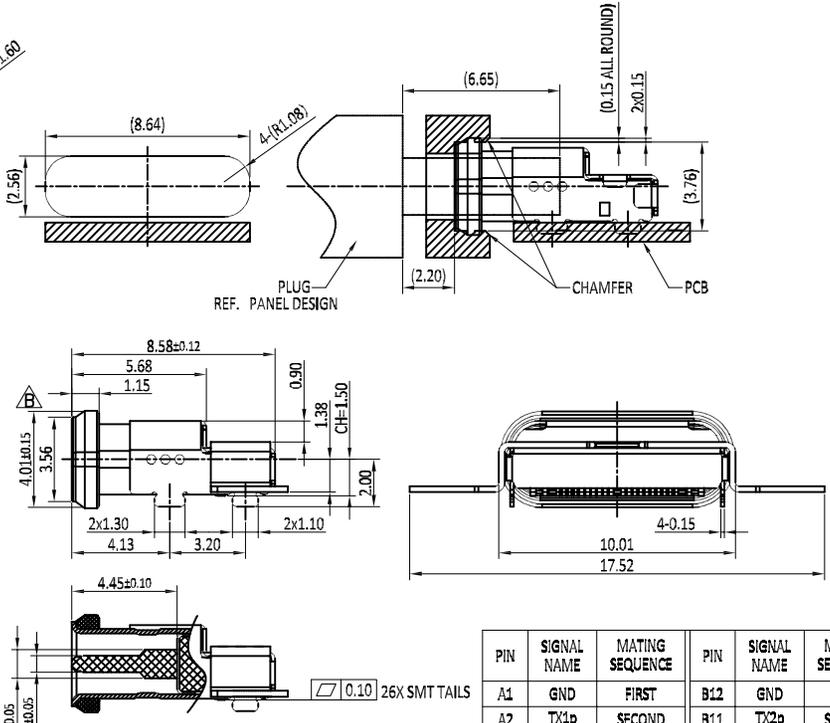
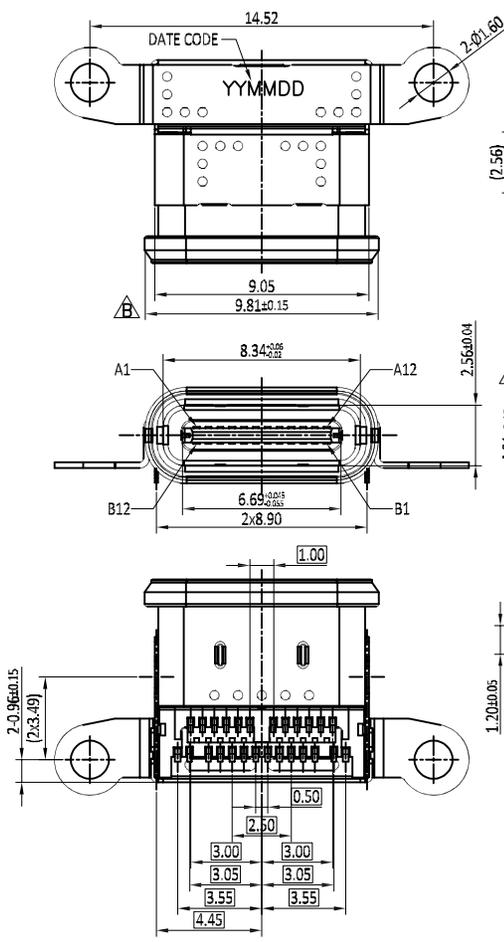
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/7/24	
A		UPDATE DRAWING	11/26/24	LH/RC
B		UPDATE DIM.	9/8/25	WY/AC1



SPECIFICATIONS:
 Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shell: Stainless steel, Nickel plated
 MID Plated: Stainless steel
 O-ring: UV Rubber, Color: Red
 Plating:
 30u" Gold over Nickel underplate on contact area,
 Gold Flash over Nickel underplate overall
Electrical:
 Current rating: 5A
 Contact resistance: 40 mohms Max
 Insulation resistance: 100 Mohms min.
 Dielectric withstanding: 100V AC
Mechanical:
 Mating force: 5~20N
 Unmated force: 8~20N
 Durability: 10,000 Cycles
 Temperature Rating:
 Operating temperature: -20°C ~ +85°C
Environmental:
 Waterproof requirement: IPX8
 Lead free, RoHS compliant.



PIN	SIGNAL NAME	MATING SEQUENCE	PIN	SIGNAL NAME	MATING SEQUENCE
A1	GND	FIRST	B12	GND	FIRST
A2	TX1p	SECOND	B11	TX2p	SECOND
A3	TX1n	SECOND	B10	TX2n	SECOND
A4	VBUS	FIRST	B9	VBUS	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	VBUS	FIRST	B4	VBUS	FIRST
A10	RX1n	SECOND	B3	TX2n	SECOND
A11	RX1p	SECOND	B2	TX2p	SECOND
A12	GND	FIRST	B1	GND	FIRST
SHELL		GND	SHELL		GND

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
MM	.X ± 0.50 .XX ± 0.15 .XXX ± 0.10	ANGLE ± 3°
DRAWN	LH	6/7/24
CHECKED	RC	6/7/24
APPROVED		

ADAM TECH 909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 adam-tech.com

TITLE UNIVERSAL SERIAL BUS, TYPE C4.0, FEMALE, 24P
 TRANSMISSION EFFICIENCY: GEN3X2 40G
 W/ MOUNTING FLANGE, WATERPROOF IPX8

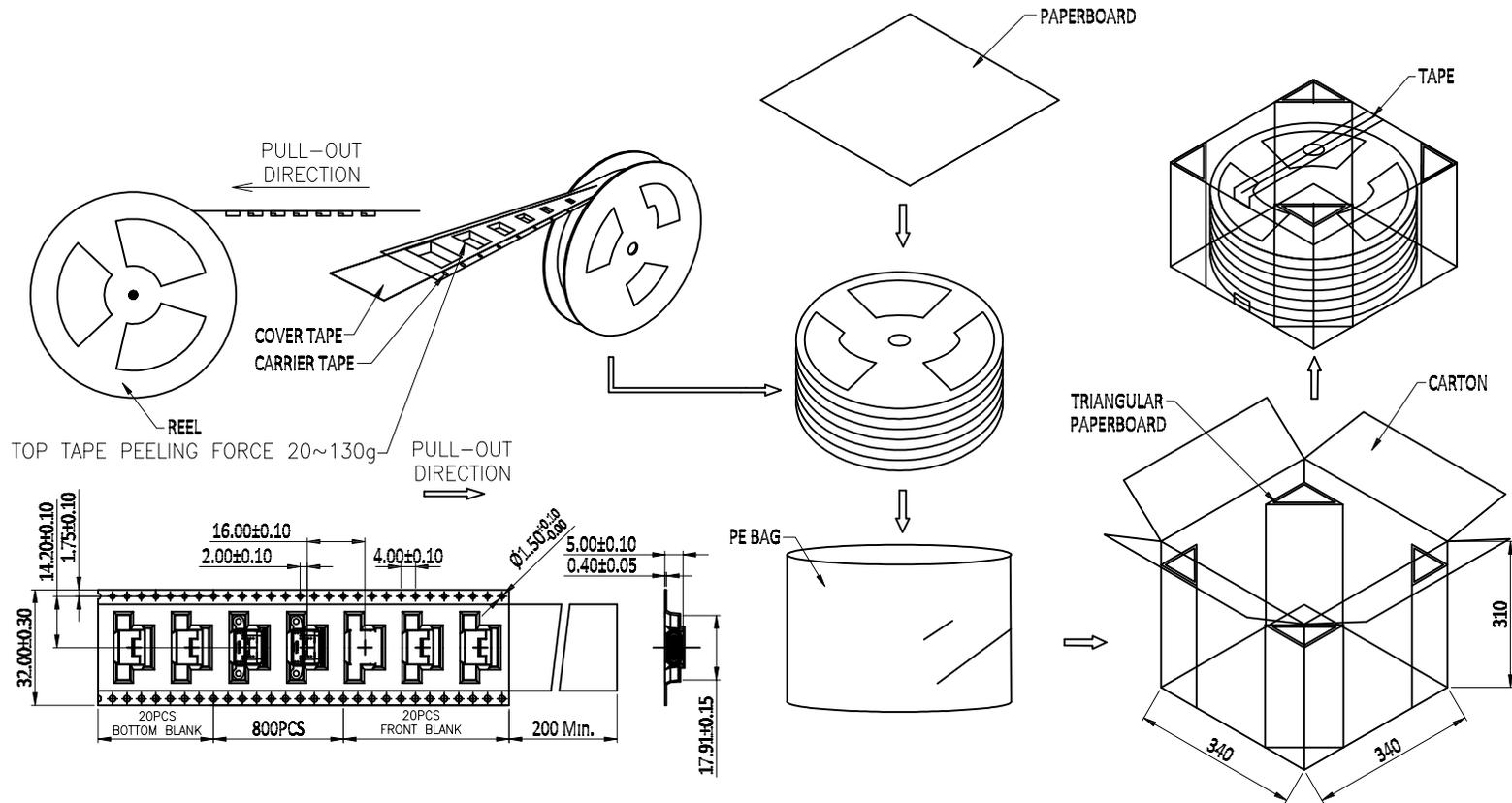
SIZE X	PART NO. USB-C40-S-RA-CS68-SMT-WP-BK-30-T/R	REV. B
REF: S00013T	SCALE: NTS	SHEET 1 OF 2

CONFIDENTIAL AND PROPRIETARY
 © Adam Tech. All rights reserved. This document contains confidential and proprietary information belonging to Adam Tech. It is provided solely for design and reference purposes by authorized parties. Any reproduction, distribution, display, or disclosure to third parties, in whole or in part, without the prior written consent of Adam Tech, is strictly prohibited. Adam Tech retains all rights, including copyright, trademark, trade secret, and all other intellectual property rights worldwide.

APPROVED: _____

DATE: _____ TITLE: _____

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



QUANTITY OF PER TRAY	800PCS/REEL
QUANTITY OF PER CARTON	8x800=6400PCS/CARTON
TRAY TYPE	Ø330x35H
CARTON SIZE	340x340x310
PART	MATERIAL

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

MM	.X ± 0.50	ANGLE	± 3°
	.XX ± 0.15		
	.XXX ± 0.10		

DRAWN	LH	6/7/24
CHECKED	RC	6/7/24
APPROVED		

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE: UNIVERSAL SERIAL BUS, TYPE C4.0, FEMALE, 24P TRANSMISSION EFFICIENCY: GEN3X2 40G W/ MOUNTING FLANGE, WATERPROOF IPX8		
SIZE X	PART NO. USB-C40-S-RA-CS68-SMT-WP-BK-30-T/R	REV. B
REF: S00013T	SCALE: NTS	SHEET 2 OF 2

CONFIDENTIAL AND PROPRIETARY
© Adam Tech. All rights reserved. This document contains confidential and proprietary information belonging to Adam Tech. It is provided solely for design and reference purposes by authorized parties. Any reproduction, distribution, display, or disclosure to third parties, in whole or in part, without the prior written consent of Adam Tech, is strictly prohibited. Adam Tech retains all rights, including copyright, trademark, trade secret, and all other intellectual property rights worldwide.