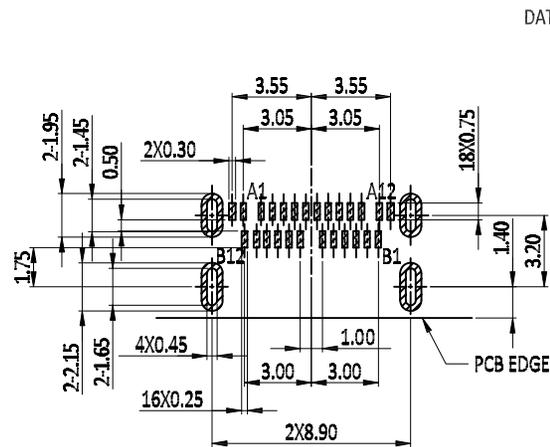


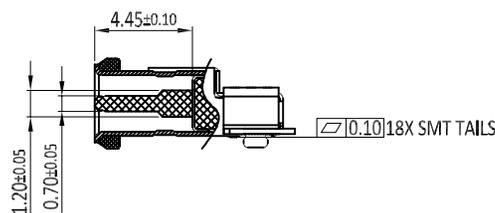
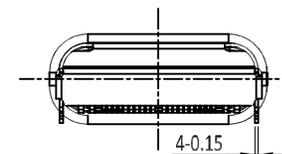
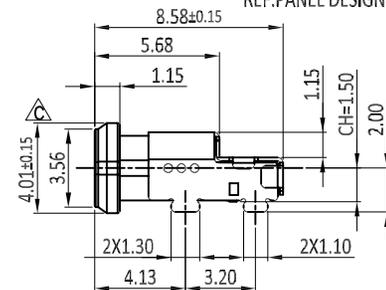
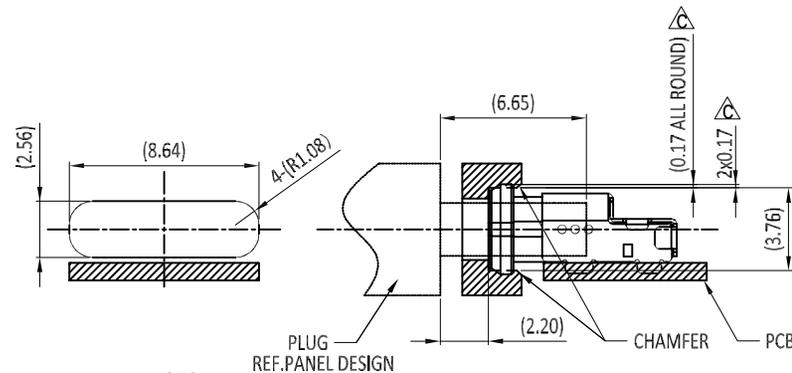
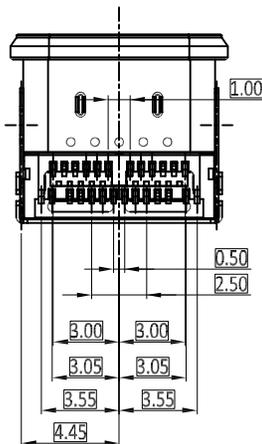
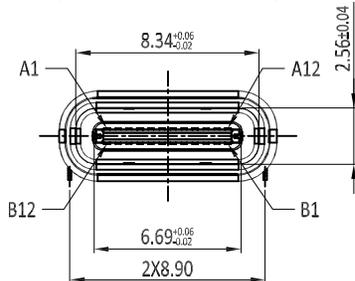
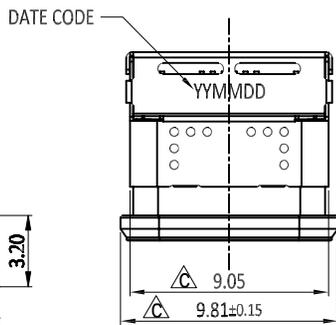
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/7/24	
A		UPDATE DRAWING	6/19/24	JJ/RC
B		UPDATE DRAWING	11/27/24	LH/RC
C		UPDATE DIM.	9/8/25	WY/AC1



RECOMMENDED PCB LAYOUT



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	TX1p	Second	B11	TX2p	Second
A9	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	

SPECIFICATIONS:

Material:
Molding housing: Hi-temp thermoplastic, rated UL 94V-0
Housing Color: Black
Terminal: Copper alloy
Shell: Stainless steel, Nickel plated
MID Plate: Stainless steel, Nickel plated
LIM: Chn-lims, Color: Black
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: 40mΩ Max.(Initial)
Insulation resistance: 100 Mohms min
Dielectric withstanding: 100VAC
Mechanical:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability: 10,000 Cycles
Temperature Rating:
Operating temperature: -20°C to +85°C
Environmental:
Waterproof: IPX8



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
MM	.X ± 0.50	ANGLE ± 3°
	.XX ± 0.15	
	.XXX ± 0.10	
DRAWN	JJ	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
WATERPROOF IPX8

SIZE X	PART NO. USB-C40-S-RA-CS67-SMT-WP-BK-30-T/R	REV. C
REF: S00013T	SCALE: NTS	SHEET 1 OF 2

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