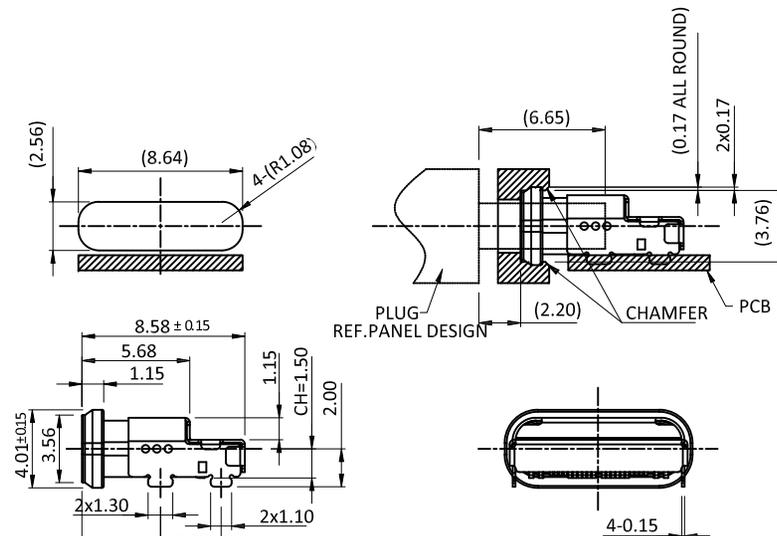
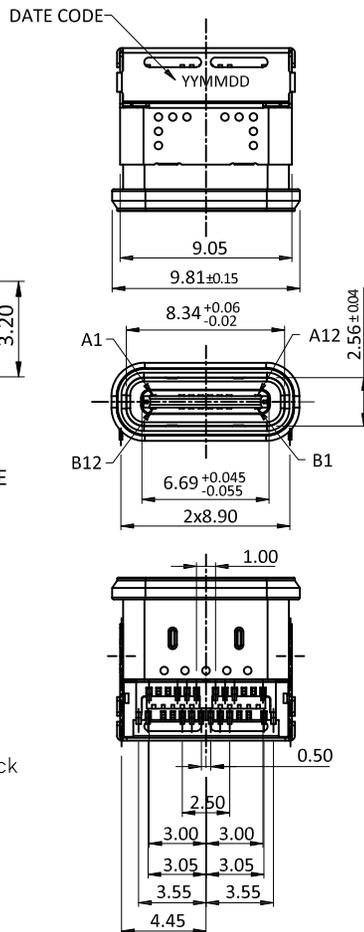
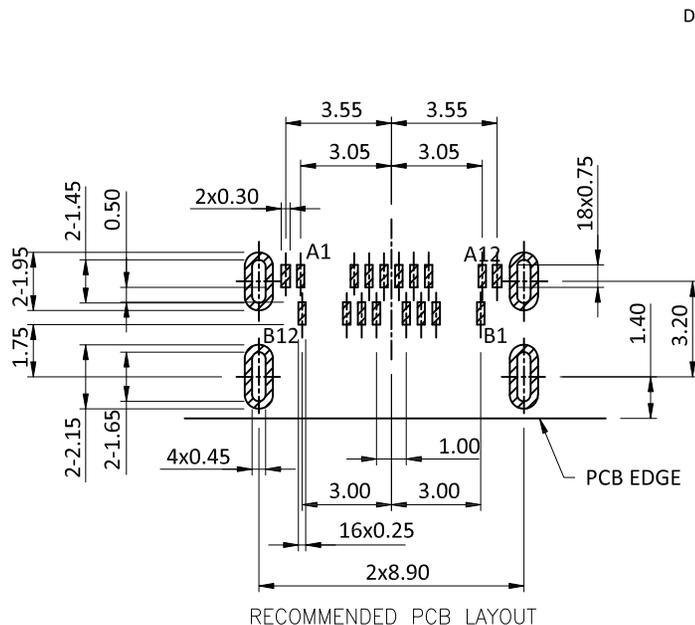


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/7/24	
A		UPDATE DRAWING	11/27/24	LH/RC
B		UPDATE DRAWING	8/20/25	LH/AC1



PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2		B11	
A3		B10	
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		B3	
A11		B2	
A12	GND	B1	GND

SPECIFICATIONS:

Material:
Molding housing: Hi-temp thermoplastic, rated UL 94V-0, Color: Black
Terminal: Copper alloy
Shell: Stainless steel, Nickel plated
MID Plate: Stainless steel, Nickel plated
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: 100V AC
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
Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
MM	ANGLE	
.0 ± 0.50	± 3°	
.00 ± 0.15		
.000 ± 0.10		
DRAWN	JJ	6/7/24
CHECKED	RC	6/7/24
APPROVED		
CONFIDENTIAL AND PROPRIETARY		
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ADAM TECH 909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
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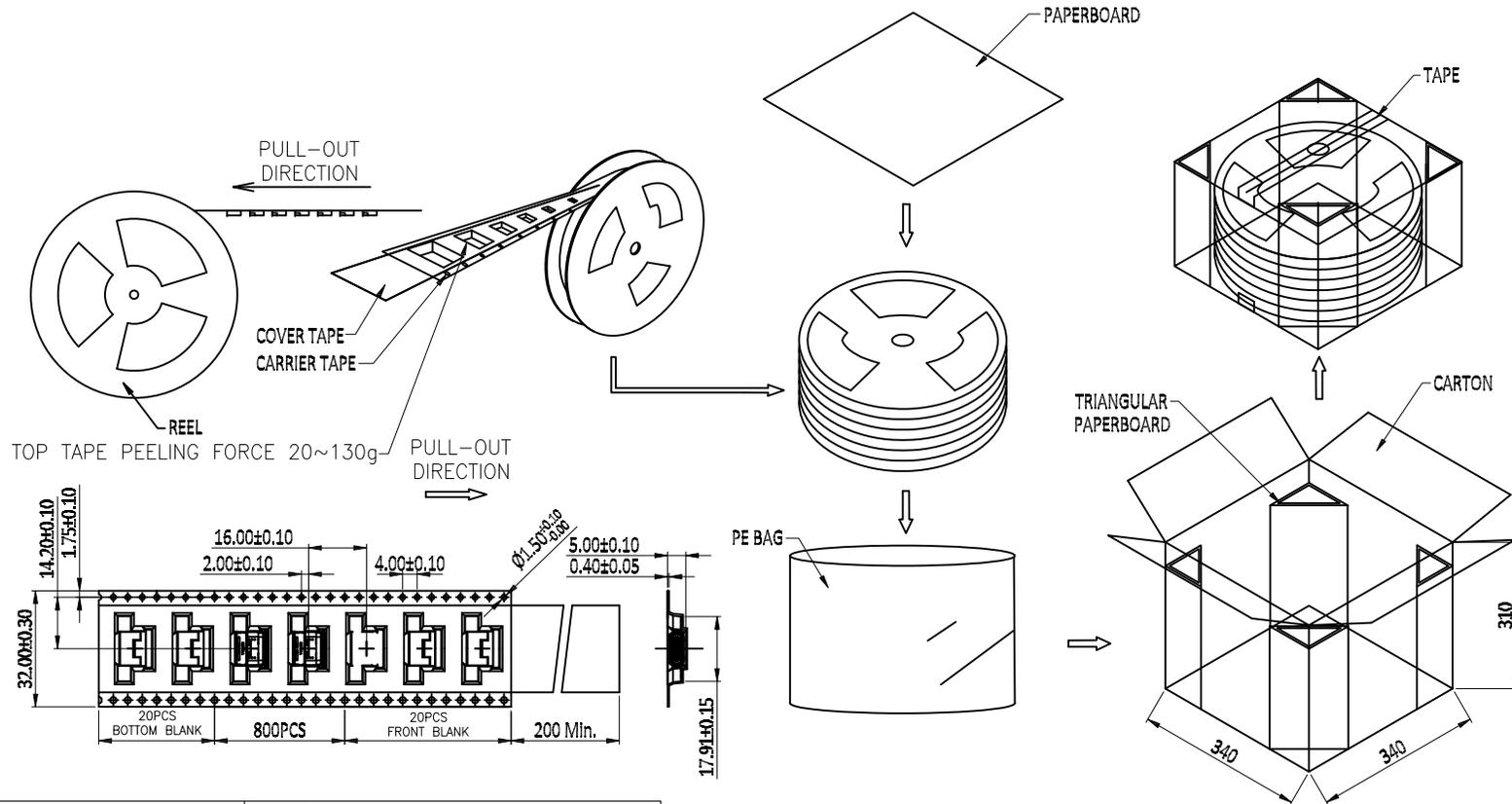
TITLE: UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P
TRANSMISSION EFFICIENCY: 480M
WATERPROOF IPX8

SIZE X	PART NO. USB-C20-S-RA-CS67-SMT-WP-BK-30-T/R	REV. B
REF: S00013T	SCALE: NTS	SHEET 1 OF 2

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	φ330x35H
CARTON SIZE	340x340x310
PART	MATERIAL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
.0	MM ± 0.50	ANGLE ± 3°
.00	± 0.15	
.000	± 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
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TITLE UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P
TRANSMISSION EFFICIENCY: 480M
WATERPROOF IPX8

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SIZE X	PART NO. USB-C20-S-RA-CS67-SMT-WP-BK-30-T/R	REV. B
REF: S00013T	SCALE: NTS	SHEET 2 OF 2