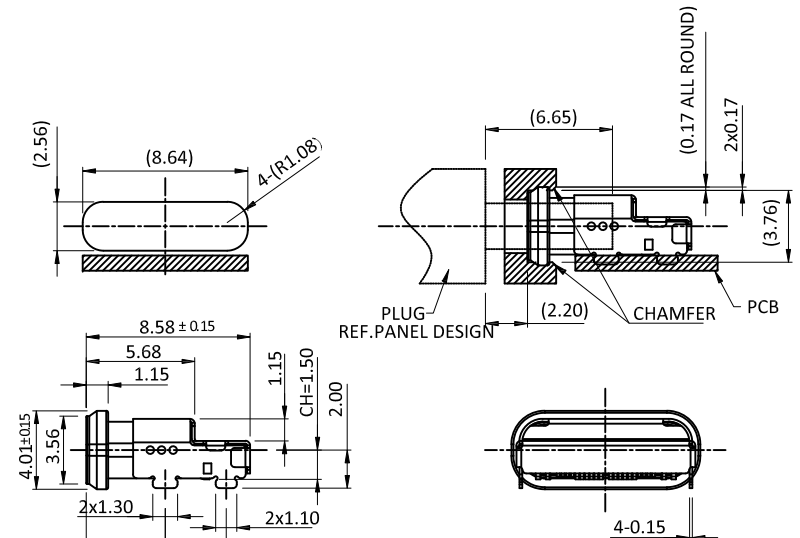
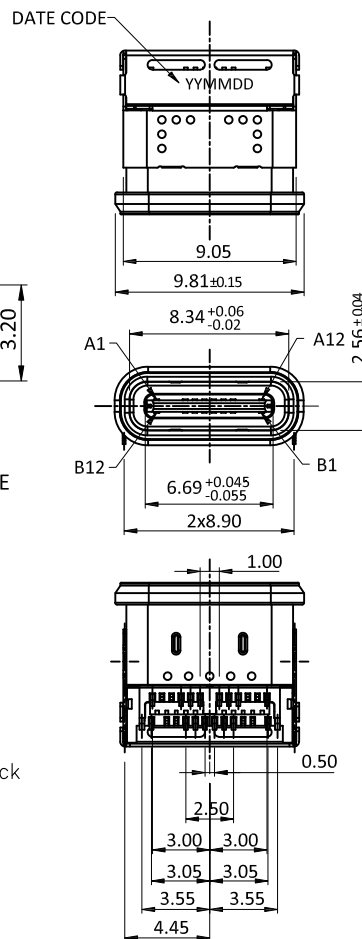
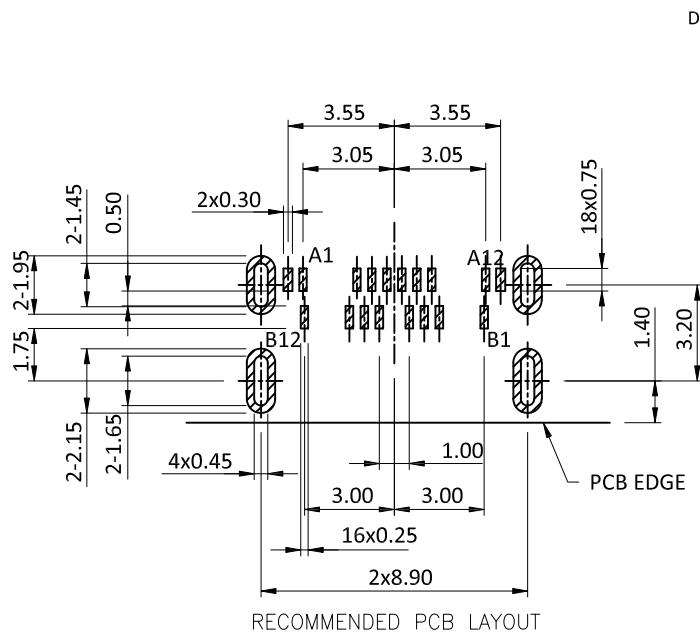


APPROVED: _____

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		
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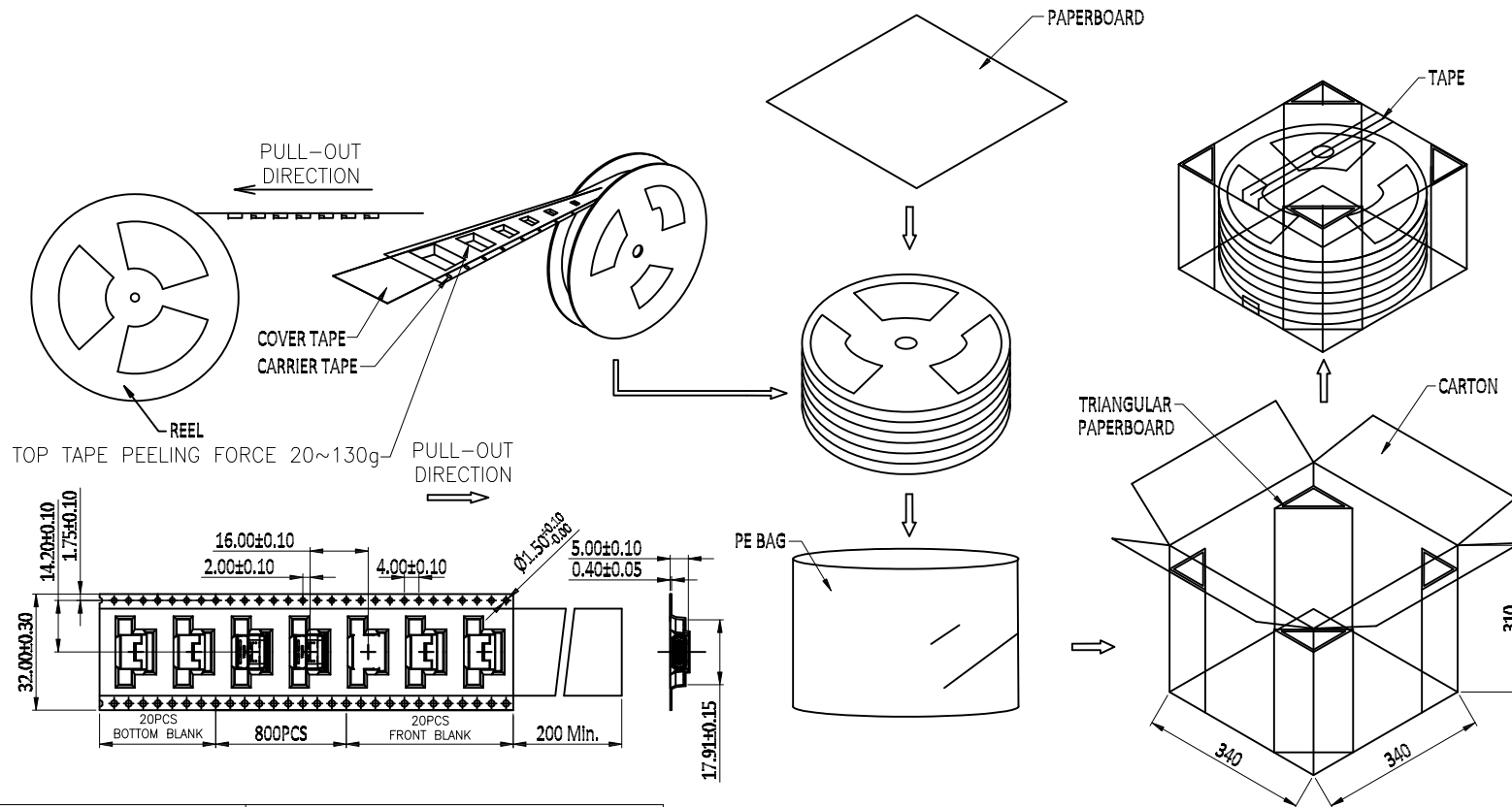
TITLE UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P TRANSMISSION EFFICIENCY: 480M WATERPROOF IPX8		
SIZE X	PART NO. USB-C20-S-RA-CS67-SMT-WP-BK-30-T/R	REV. B
REF: S00013T	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
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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	ANGLE
.0 ± 0.50	± 3°
.00 ± 0.15	
.000 ± 0.10	

DRAWN JJ 6/7/24

CHECKED RC 6/7/24

APPROVED

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trademark, trade secret, and all other intellectual property rights worldwide.



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
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REF: S00013T	SCALE: NTS	SHEET 2 OF 2
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