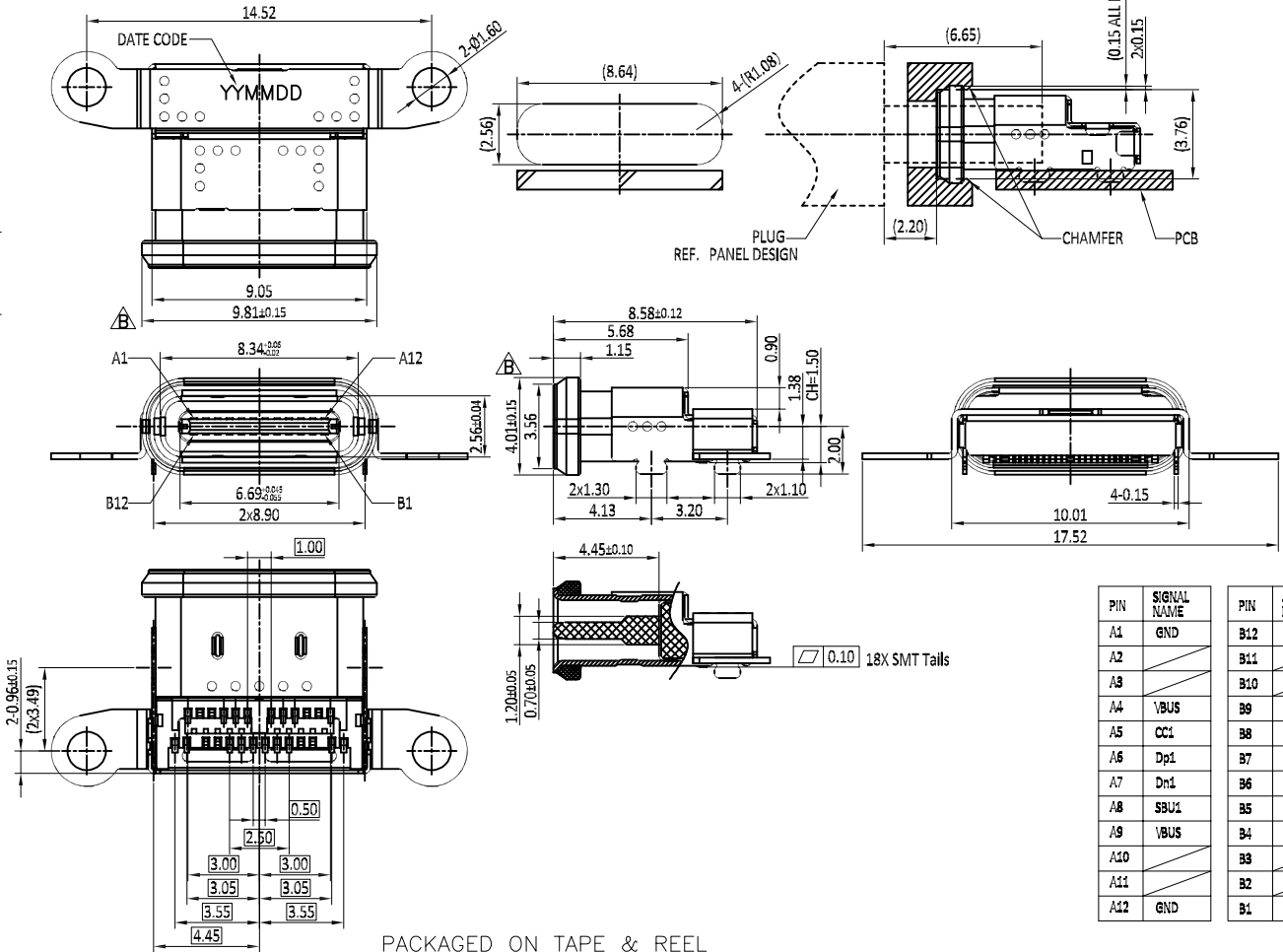
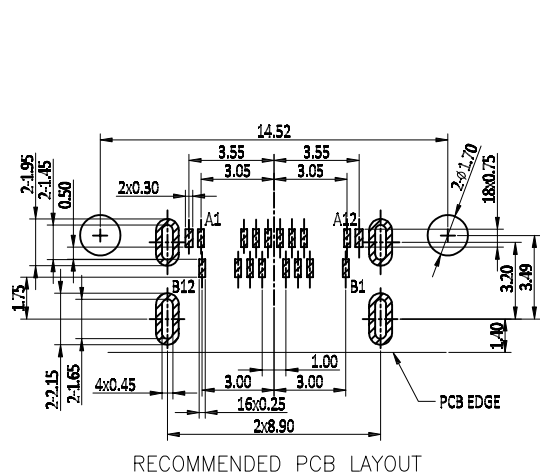


APPROVED: _____

DATE: _____ TITLE: _____

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



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		
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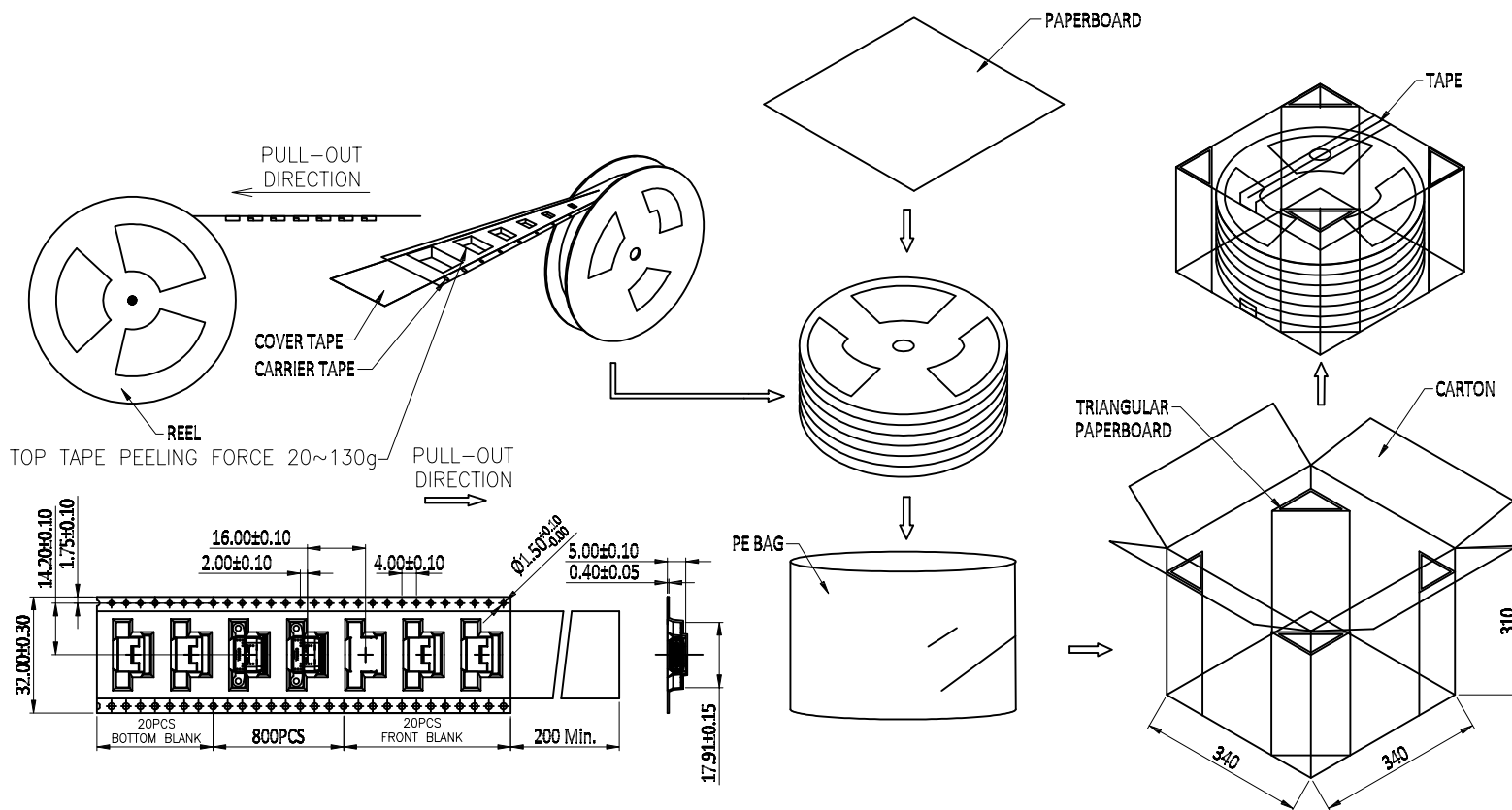
TITLE UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P TRANSMISSION EFFICIENCY: 480M W/ MOUNTING FLANGE, WATERPROOF IPX8		
SIZE X	PART NO. USB-C20-S-RA-CS68-SMT-WP-BK-30-T/R	REV. B
REF: S00013T	SCALE: NTS	SHEET 1 OF 2

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	Ø330x35H
CARTON SIZE	340x340x310
PART	MATERIAL

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

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TITLE UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P
TRANSMISSION EFFICIENCY: 480M
W/ MOUNTING FLANGE, WATERPROOF IPX8

SIZE PART NO. REV.
X USB-C20-S-RA-CS68-SMT-WP-BK-30-T/R B

REF: S00013T SCALE: NTS SHEET 2 OF 2