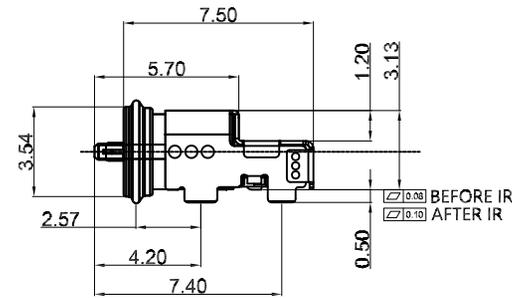
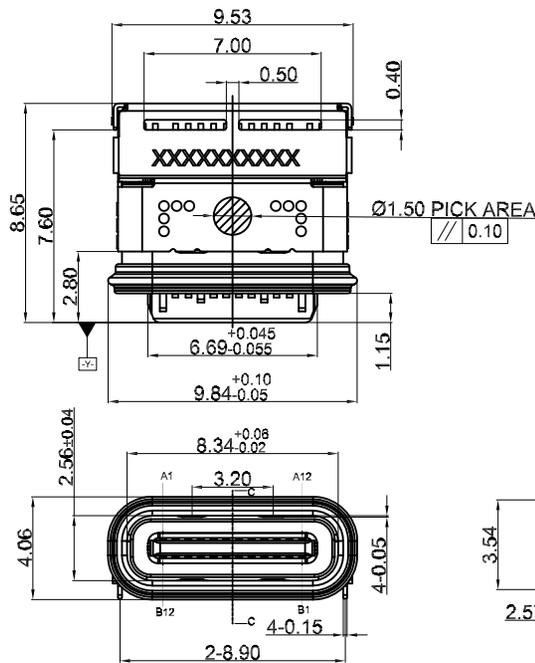
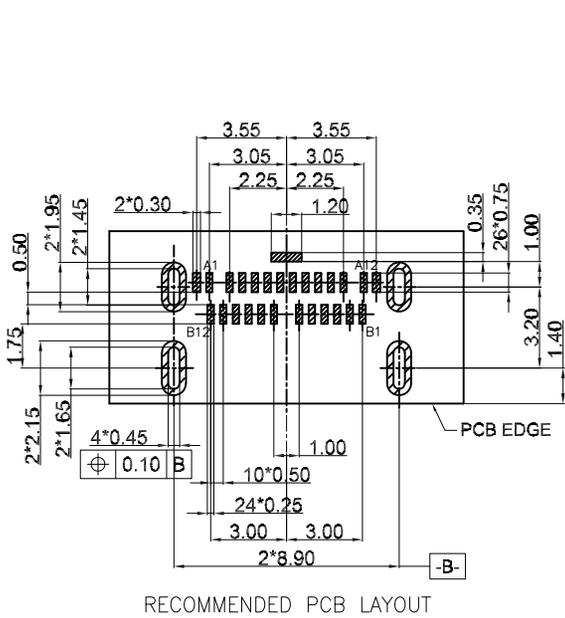


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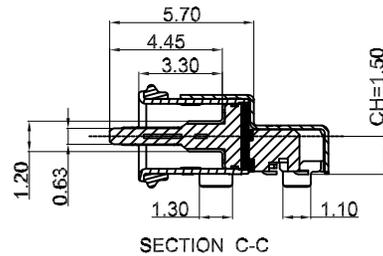
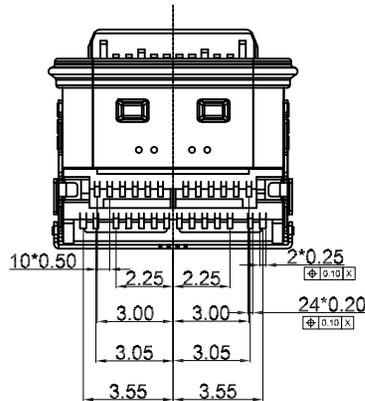
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/30/21	
A		UPDATED DRAWING	9/1/22	JJ/TY
B		UPDATE TITLE	6/27/24	WX/RC
C		UPDATE DRAWING	6/25/25	LW1/AY1
D		UPDATE DRAWING	8/20/25	LH/AY1



SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-2
 Insulator color: Black
 Contacts: Copper Alloy
 Plate: Stainless Steel, Nickel Plated
 Shell: Stainless Steel, Clear
 Outer Shell: Stainless Steel, Nickel Plated
 LIM: CHN-LIMS, Color: Black
Plating:
 30u" Gold over Nickel underplate on contact area,
 Gold flash over Nickel underplate overall
Electrical:
 Voltage rating: 5V AC/DC RMS Max
 Current rating: 5A (VBUS/GND pins)
 0.5A (CC pin)
 0.25A (other pins)
 Contact resistance: 40 mohms max
 Insulation resistance: 100 Mohms min
 Dielectric withstanding voltage: 100V AC
Mechanical:
 Insertion Force: 5~20N
 Extraction Force: 8~20N
 Durability: 10,000 Cycles
 Temperature Rating:
 Operating temperature: -25°C to +85°C
Environmental:
 Waterproof: IPX8
 Lead free, RoHS compliant.



USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
MM	.X ± 0.30	ANGLE ± 3°
	.XX ± 0.25	
	.XXX ± 0.10	
DRAWN	LH	9/30/21
CHECKED	NL	9/30/21
APPROVED		
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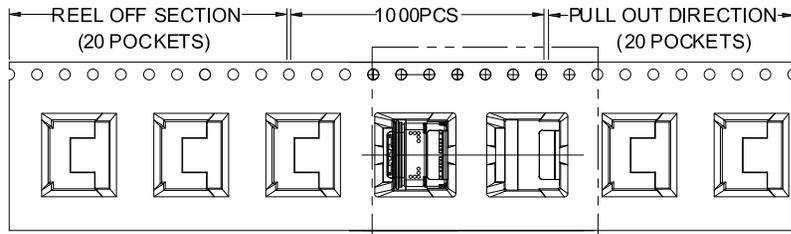


TITLE UNIVERSAL SERIAL BUS3.1, TYPE C, FEMALE, TRANSMISSION EFFICIENCY: Gen2 10Gbps SMT TYPE, BLACK INSULATOR, WATERPROOF		
SIZE X	PART NO. USB-C32-S-RA-CS15D-SMT-WP-BK-30-T/R	REV. D
REF: S00220C	SCALE: NTS	SHEET 1 OF 2

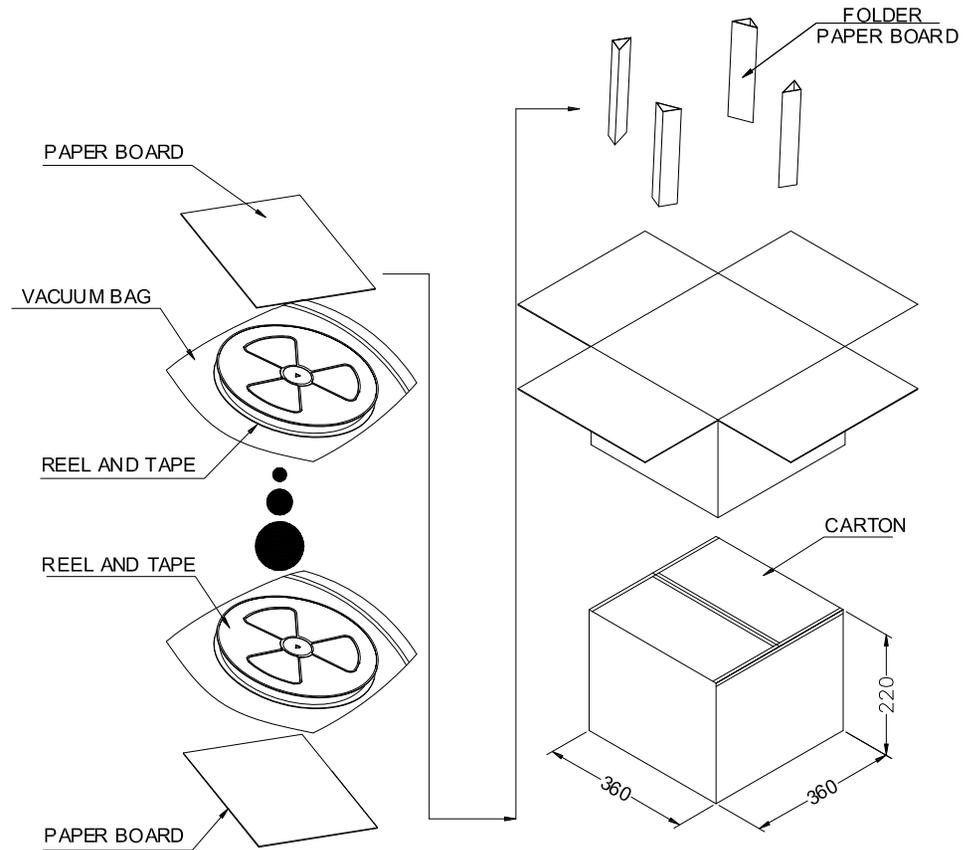
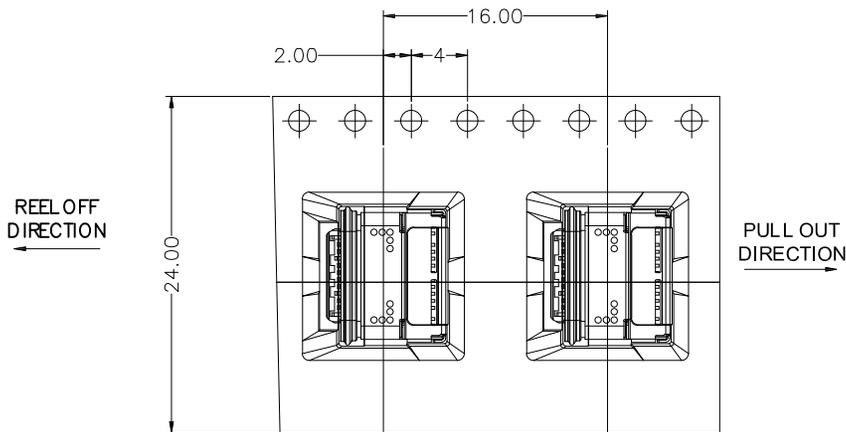
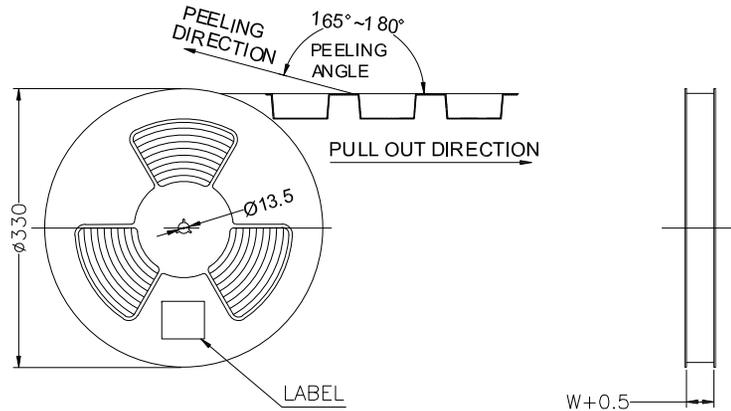
APPROVED: _____

DATE: _____ TITLE: _____

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



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1000	8000

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

MM	.X ± 0.30	ANGLE ± 3°
	.XX ± 0.25	
	.XXX ± 0.10	

DRAWN	LH	9/30/21
CHECKED	NL	9/30/21
APPROVED		

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TITLE UNIVERSAL SERIAL BUS3.1, TYPE C, FEMALE, TRANSMISSION EFFICIENCY: Gen2 10Gbps
SMT TYPE, BLACK INSULATOR, WATERPROOF

SIZE X	PART NO. USB-C32-S-RA-CS15D-SMT-WP-BK-30-T/R	REV. D
REF: S00220C	SCALE: NTS	SHEET 2 OF 2