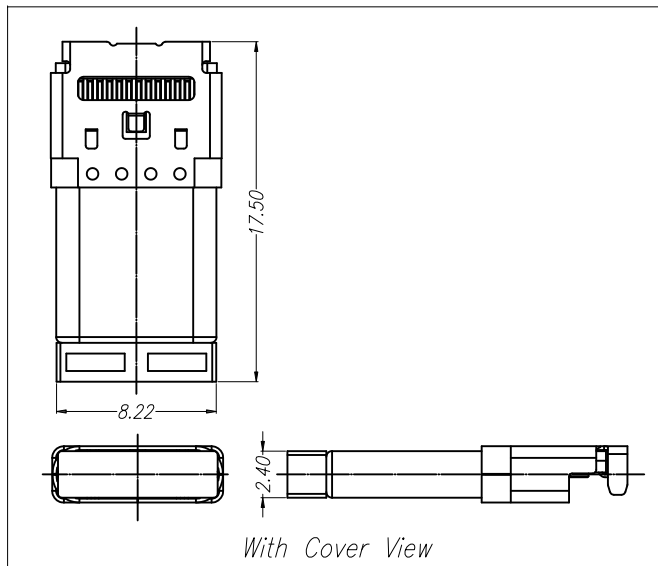


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/17/22	
A		UPDATE TITLE	6/27/24	WX/RC



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shell: Stainless Steel, Nickel plated

Cover: Stainless Steel, Nickel plate

Mid plate: Stainless Steel, Nickel plate

EMI: Stainless Steel

Plating:

Gold flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 5.0V

Current rating: 5.0A for A4/A5/A9/B4/B9 Pin, 1.25A min for other Pins

Insulation resistance: 100 Mohms min

LLCR: VBUS&GND Pins and other pins:40mΩ/Pin Max.

Shield: 50mΩ/Max. LLCR Max. Change of all Pins: 10mΩ

Dielectric withstanding voltage: 100 VAC for 1 minute

Mechanical:

Insertion Force: 0.5~0.2kgf

Withdrawal Force: 0.8~2.0kgf, Ater durability: 0.6~2.0kgf.

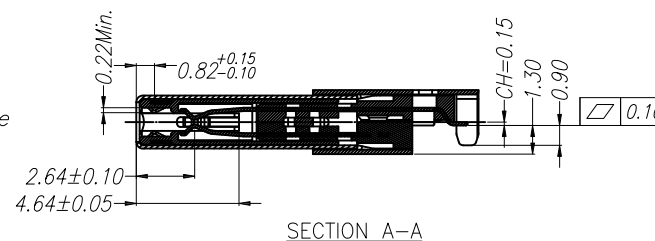
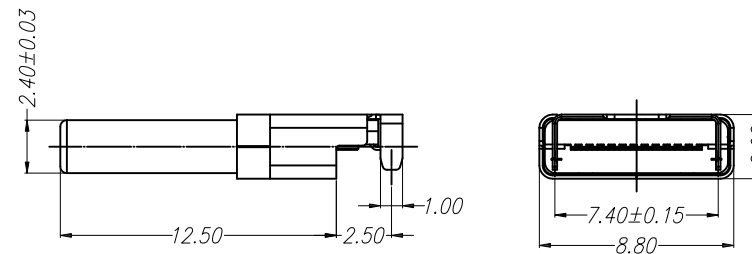
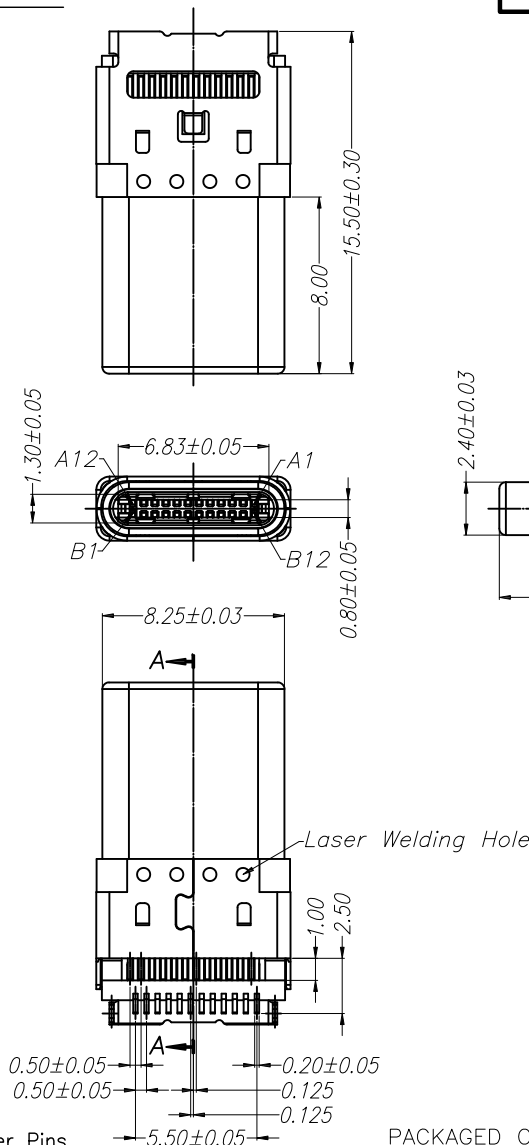
Durability cycles: 10,000 cycles

Temperature Rating:

Operating temperature: -25°C to +85°C

Environmental:

Lead free, RoHS compliant



PACKAGED ON TAPE & REEL

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

MM	ANGLE
.X ± .30	X. ± 10°
.XX ± .20	.X ± 8°
.XXX ± .10	.XX ± 5°

DRAWN	WX	2/17/22
CHECKED	YC	2/17/22
APPROVED		

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ADAM TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

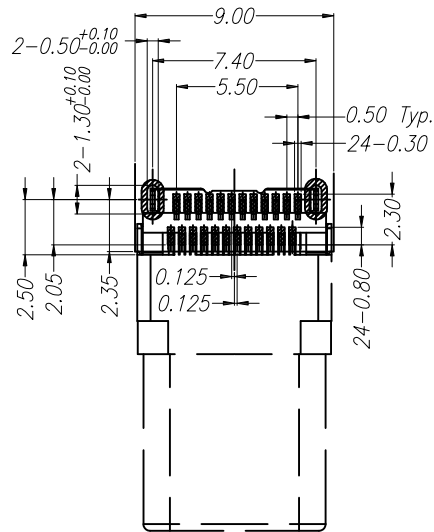
TITLE UNIVERSAL SERIAL BUS, TYPE C, MALE PLUG,
TRANSMISSION EFFICIENCY: Gen2x1 10Gbps
BLACK INSULATOR, EDGE HANG, TAPE & REEL

SIZE	PART NO.	REV.
X	USB-C32-S-PLUG-EH-SMT-CS1A-DC-T/R	A
REF:	S00288T	SCALE: NTS
		SHEET 1 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



Recommended PCB Holes(Top View) t:0.8mm or 1.0mm
General Tolerance: $\pm 0.05\text{mm}$

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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED		
MM	ANGLE	
.X $\pm .30$	X. $\pm 10^\circ$	
.XX $\pm .20$	.X $\pm 8^\circ$	
.XXX $\pm .10$	.XX $\pm 5^\circ$	

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TRANSMISSION EFFICIENCY: Gen2x1 10Gbps
BLACK INSULATOR, EDGE HANG, TAPE & REEL

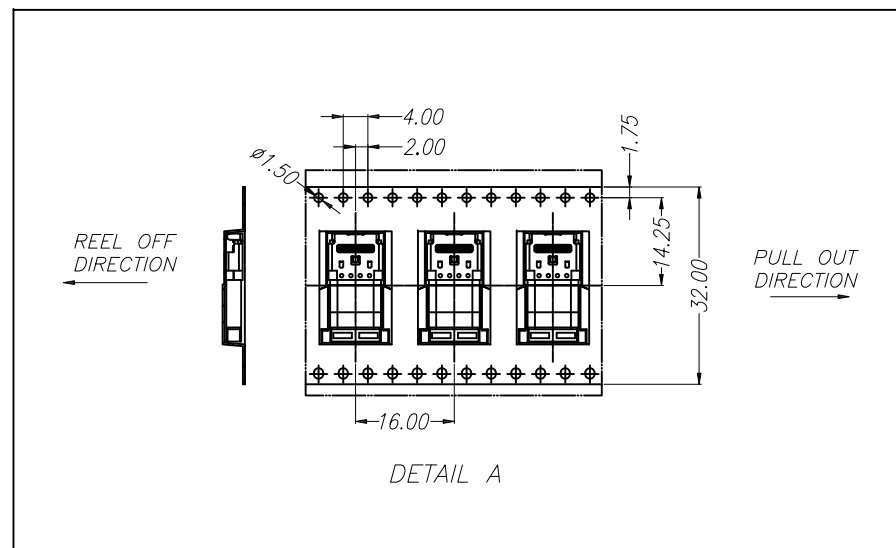
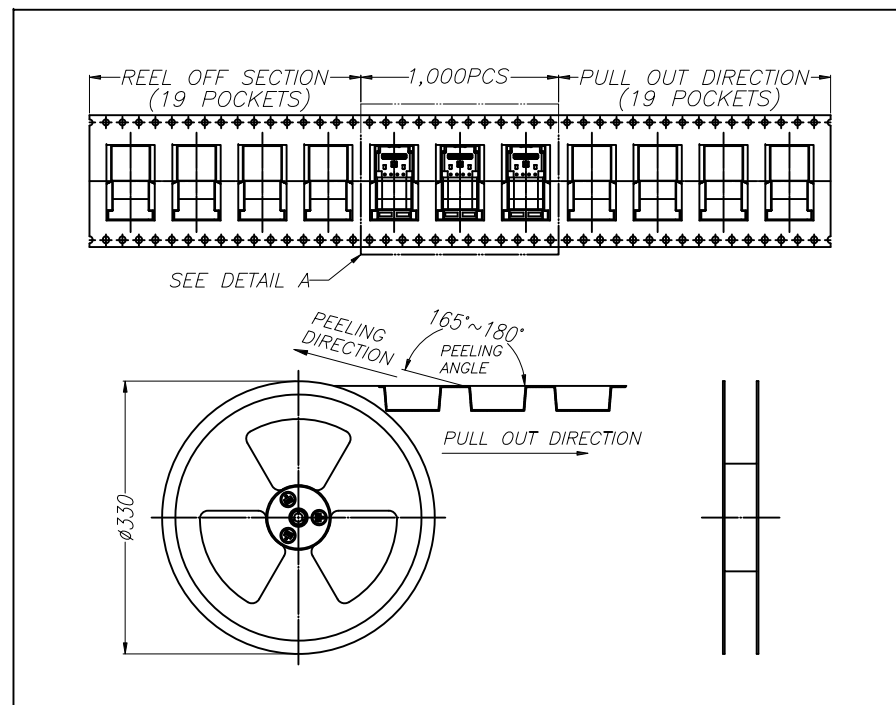
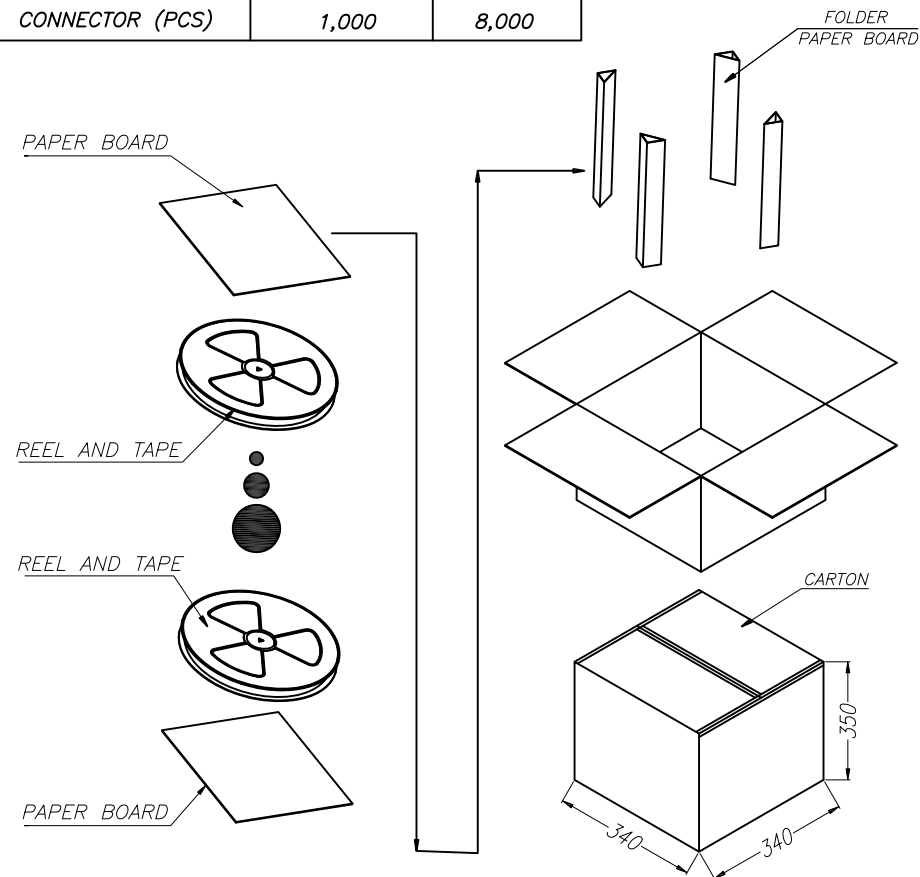
SIZE X	PART NO. USB-C32-S-PLUG-EH-SMT-CS1A-DC-T/R	REV. A
REF: S00288T	SCALE: NTS	SHEET 2 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

	REEL	CARTON
CONNECTOR (PCS)	1,000	8,000



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	MM	ANGLE
.X	± .30	X. ± 10°
.XX	± .20	.X ± 8°
.XXX	± .10	.XX ± 5°
DRAWN	WX	2/17/22
CHECKED	YC	2/17/22
APPROVED		
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TITLE UNIVERSAL SERIAL BUS, TYPE C, MALE PLUG, TRANSMISSION EFFICIENCY: Gen2x1 10Gbps BLACK INSULATOR, EDGE HANG, TAPE & REEL		
SIZE X	PART NO. USB-C32-S-PLUG-EH-SMT-CS1A-DC-T/R	REV. A
REF: S00288T	SCALE: NTS	SHEET 3 OF 3