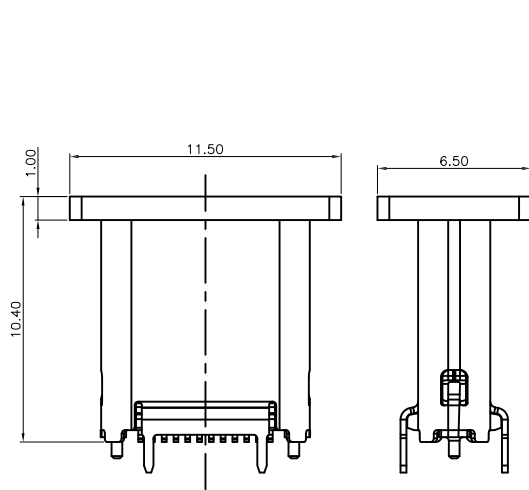
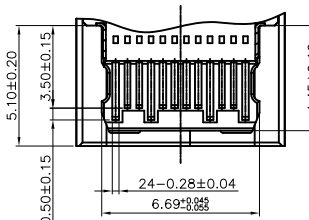
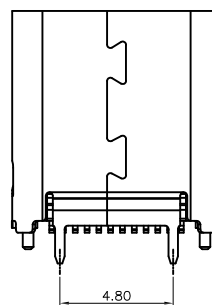
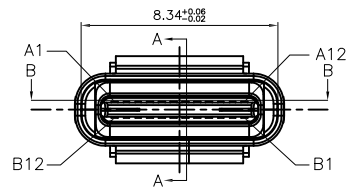
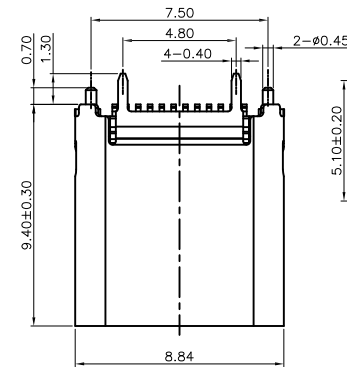


APPROVED: _____
DATE: _____ TITLE: _____

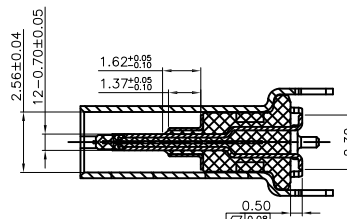
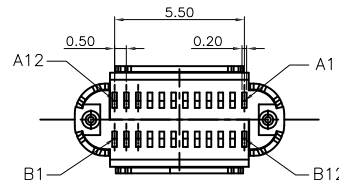
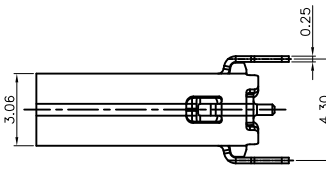
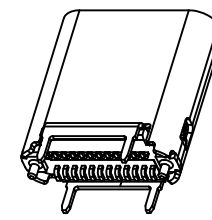
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/28/18	
A		ADDED PACKING	1/14/20	AY/OC



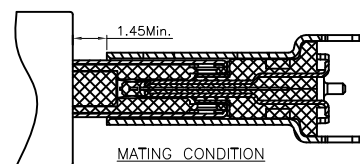
INCREASE THE DIAGRAMS OF CAP



SECTION B-B



SECTION A-A



MATING CONDITION

SPECIFICATIONS:

Material:
Insulator: Hi-temp thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shell: Stainless Steel, Nickel plated
Plating:
Gold flash over Nickel underplate on contact area,
Matte Tin over Nickel underplate on solder tails.
Electrical:
Current rating: 5 A (Vbus)
1.25 A (Vconn)
Contact resistance: 40 mohms max. (Initial)
10 mohms max. (After test) @ 20 mV, 100 mA
Insulation resistance: 100 Mohms min.
Dielectric withstanding: 100 VAC R.M.S
Mechanical:
Insertion force: 5~20 N
Withdrawal force: 6~20 N (After test)
Durability: 10,000 Cycles
Temperature Rating:
Operating temperature: -40°C to +85°C
Environmental:
Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS TOLERANCES: EXCEPT AS NOTED ANGLE		ADAM TECH INTERCONNECTS		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
X. ± 0.50 .X ± 0.30 .XX ± 0.20 .XXX ± 0.10		TITLE		UNIVERSAL SERIAL BUS, TYPE C 3.1, FEMALE, VERTICAL, BLACK INSULATOR, TAPE AND REEL	
APPROVALS		DATE		SIZE	
DRAWN		AY		PART NO.	
CHECKED		LW		REV.	
APPROVED				X	
REF: S00296T		SCALE: NTS		SHEET 1 OF 3	

6

5

4

3

2

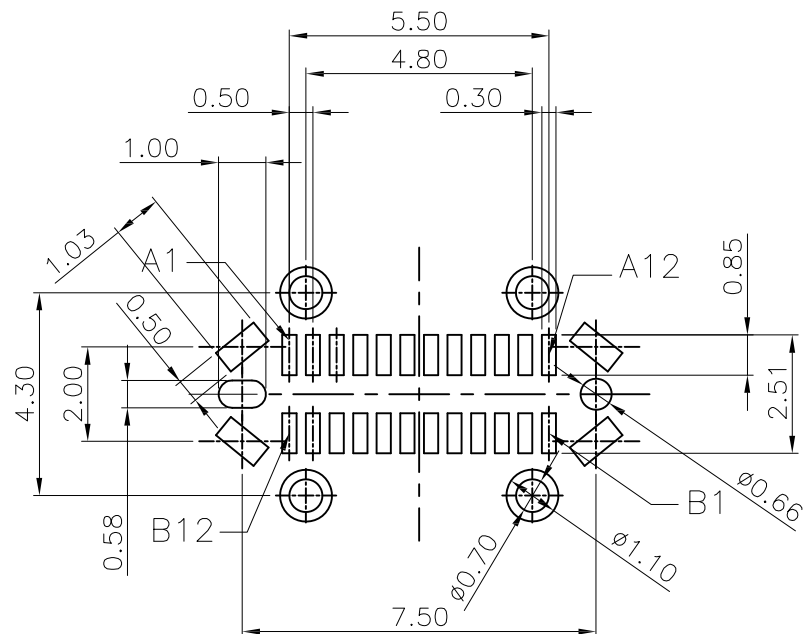
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 3 FOR REVISION



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V _{BUS}	First	B9	V _{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{BUS}	First	B4	V _{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED
ANGLE
MM
X. ± 0.50
.X ± 0.30
.XX ± 0.20
.XXX ± 0.10

APPROVALS

DATE

DRAWN

AY

5/28/18

CHECKED

LW

5/28/18

APPROVED

ADAM
TECH
INTERCONNECTS

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

TITLE

UNIVERSAL SERIAL BUS, TYPE C 3.1, FEMALE,
VERTICAL, BLACK INSULATOR, TAPE AND REEL

SIZE

X

PART NO.

USB-C31-S-VT-CS2A-BK-PP-T/R

REV.

A

REF: S00296T

SCALE: NTS

SHEET 2 OF 3

6

5

4

3

2

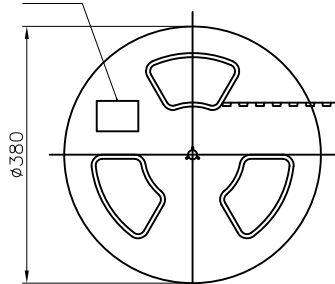
1

APPROVED: _____
 DATE: _____ TITLE: _____

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

38.4
32.4

LABEL



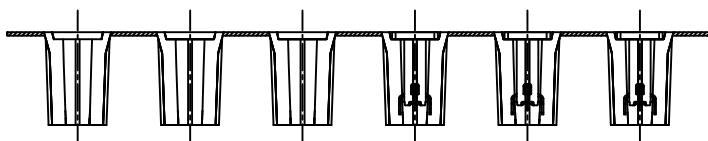
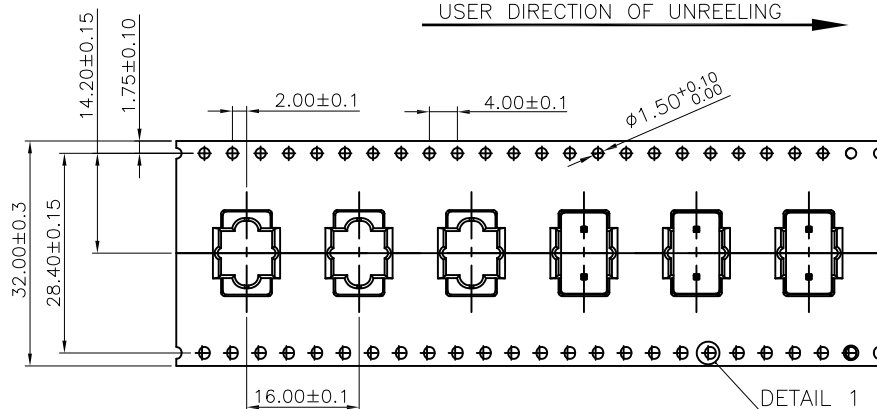
400 MIN.
PEELING ANGLE
165° ~ 180°

ABOUT 160 MM LONG
UNLOADED SECTION

PRODUCT LOADING SECTION

ABOUT 160 MM LONG
UNLOADED SECTION

USER DIRECTION OF UNREELING



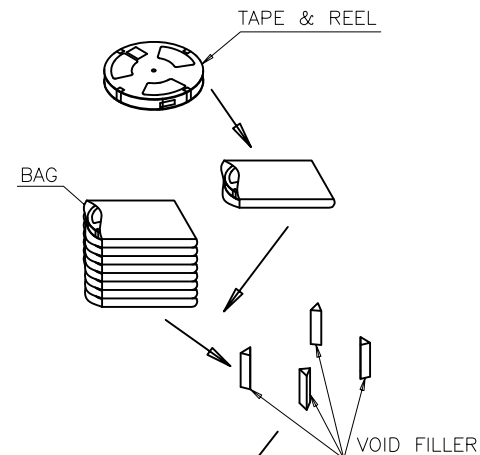
NOTE:

1.MATERIAL:
 BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL.
 TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, BLACK COLOR.
 REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
 BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.

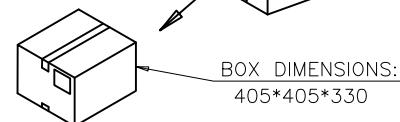
2.PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)

3.PEELING SPEED: 300 mm/min.

4.EACH BAG SHALL BE INCLUDED DESICCANT.

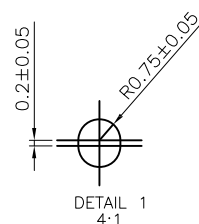
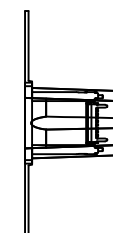


INNER CARTON DIMENSIONS:
390*390*310



BOX DIMENSIONS:
405*405*330

400	8	3200 PCS
PCS/ REEL	REELS/ CARTON	QUANTITY



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE MILLIMETERS
 TOLERANCES: EXCEPT AS NOTED
 ANGLE
 MM
 .X. ± 0.20
 .X ± 0.15
 .XX ± 0.10
 .XXX ± 0.05
 ± 1°

APPROVALS		DATE
DRAWN	AY	5/28/18
CHECKED	LW	5/28/18
APPROVED		

**ADAM
TECH
INTERCONNECTS**

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

TITLE
 UNIVERSAL SERIAL BUS, TYPE C 3.1, FEMALE,
 VERTICAL, BLACK INSULATOR, TAPE AND REEL

SIZE X	PART NO. USB-C31-S-VT-CS2A-BK-PP-T/R	REV. A
REF: S00296T	SCALE: NTS	SHEET 3 OF 3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[USB-C31-S-VT-CS2A-BK-PP-T/R](#)