

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/23/22	
A		UPDATE TITTLE	8/19/24	LH/RC

D

D

C

C

B

B

SPECIFICATIONS:

Material:

Housing: Hi-Temp Thermoplastic, rated UL94V-0

Housing color: Black

Contacts: Copper alloy

Shell: SUS304 Nickel plated

Plating:

Gold flash over Nickel underplate overall

Electrical:

Voltage rating: 20 V

Current rating: 3.0 Amp

Contact resistance: 40 mohms max

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 100 V for one minute

Mechanical:

Insertion: 0.5~2.0kgf

Extraction: 0.8~2.0kgf

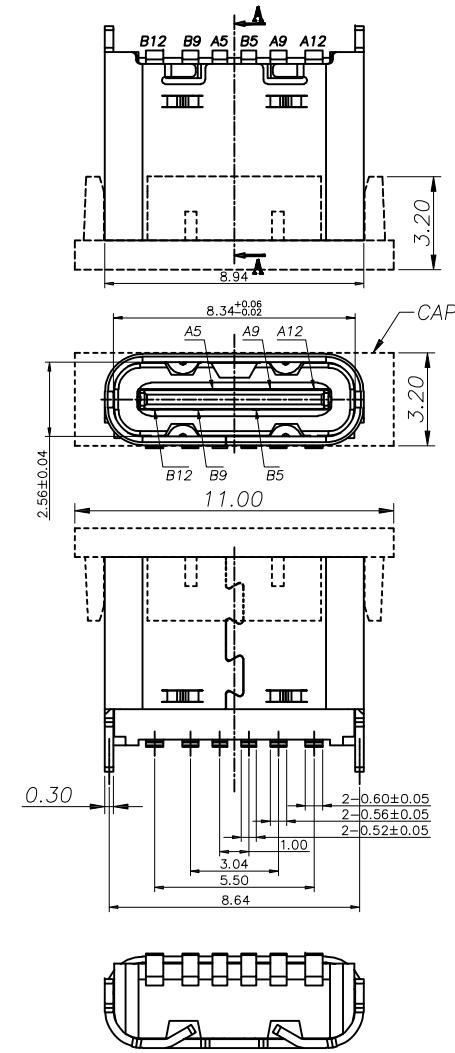
Durability: 10,000 Cycles

Temperature Rating:

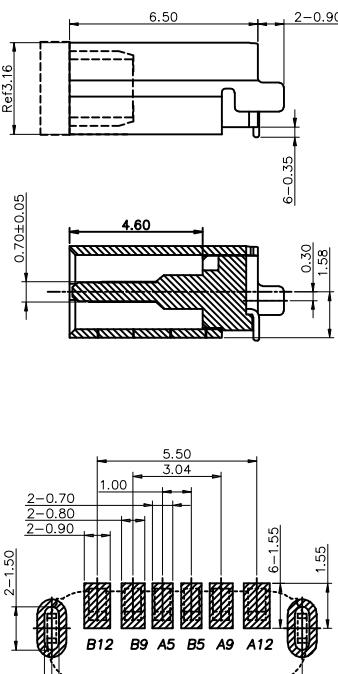
Operating temperature: -30°C to +80°C

Environmental:

Lead free, RoHS compliant.

RoHS
COMPLIANT

ASSIGNMENTS



RECOMMENDED PCB LAYOUT

PACKAGED ON TAPE & REEL

PIN NUMBER	SIGNAL NAME
A5	CC1
A9	VBUS
A12	GND
B12	GND
B9	VBUS
B5	CC2

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

MM	± 0.30
XX	± 0.20
XXX	± 0.10

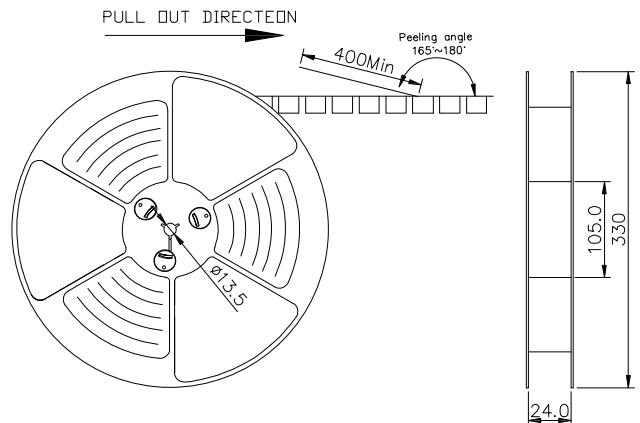
DRAWN	JJ	2/23/22
CHECKED	KC	2/23/22
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

SIZE	PART NO.	REV.
X	USB-C20-S-VT-CS13-SMT-BK-PP-T/R	A
REF: S00192C	SCALE: NTS	SHEET 1 OF 2

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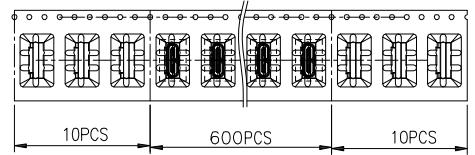
DATE: _____ TITLE: _____



NOTES

1. LEAD TAPE LENGTH

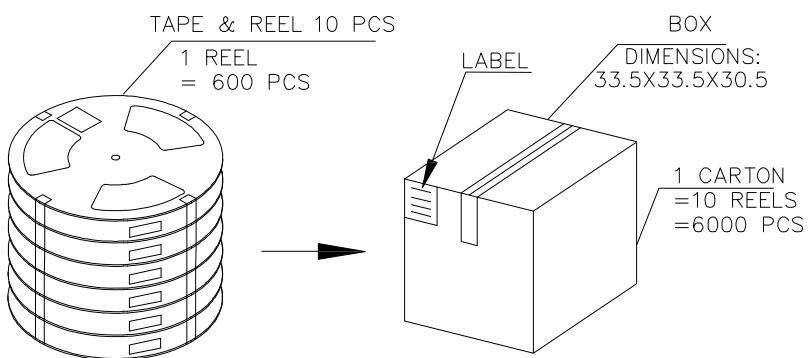
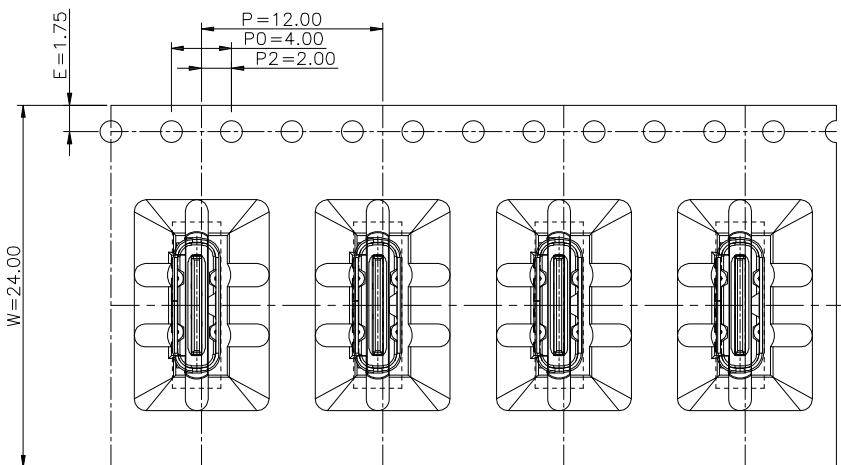
PULL OUT DIRECTION PULL OUT DIRECTION



2. PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N (10.2gf~130gf)

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



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

MM	± 0.30
XX	± 0.20
XXX	± 0.10

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