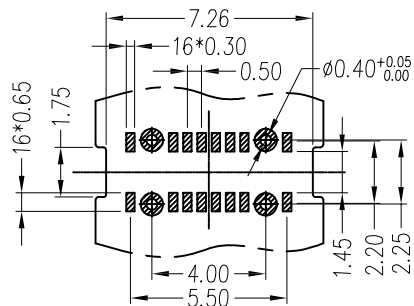


APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT
(TOP VIEW)

PCB THICKNESS: 0.3 ±0.03

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			Vbus	SBU1	DN	DP	CC1	Vbus			GND
GND			Vbus	CC2	DP	DN	SBU2	Vbus			GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

SPECIFICATIONS:

Material:

Insulator: (LCP) Hi-temp thermoplastic, rated UL 94V-0

Insulator Color: Black

Cover: Hi-temp thermoplastic, Color: Black

Contacts: Copper Alloy

Shell: Stainless Steel, Nickel plated

Latch: Stainless Steel, Tin over Nickel Plated

Spring: Stainless Steel

Plating:

Gold flash over Nickel underplate on contact area

Tin over Nickel underplate on solder tails

Electrical:

Voltage: 30V DC

Current rating: 5.0 A max

Contact resistance: 40 mohms max

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 100V for 1 minute

Mechanical:

Insertion force: 5-20 N

Unmating force: 8-20 N

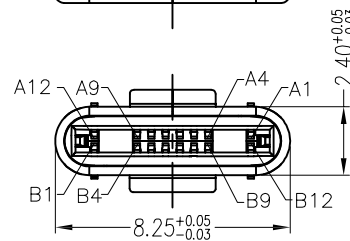
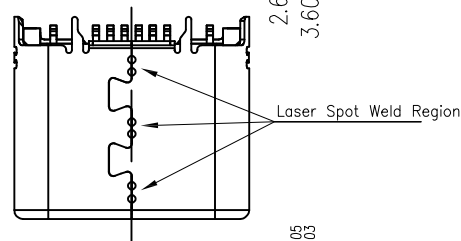
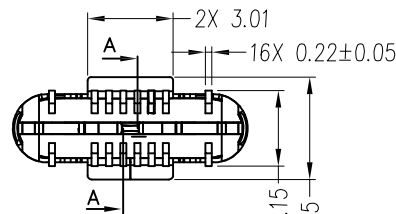
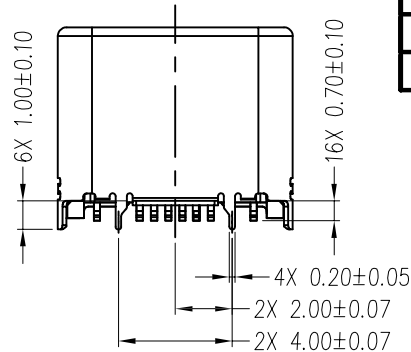
Durability: 5,000 Cycles

Temperature Rating:

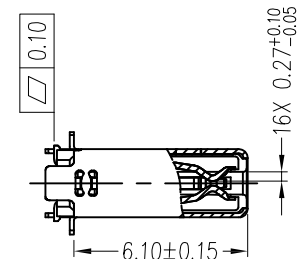
-40°C to +85°C

Environmental:

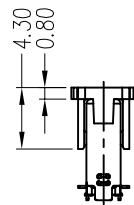
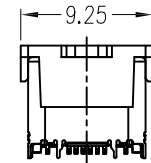
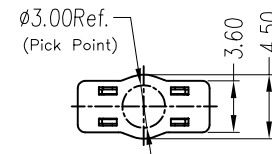
Lead free, RoHS compliant.



Rev	AWO #	Description	Date	Appr
-		RELEASED	4/15/21	
A		UPDATA TITTLE	7/4/24	LH/RC
B		UPDATE DRAWING	12/11/24	WY/LZ



With Stopper VIEW:



PACKAGED ON TAPE & REEL

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

MM	ANGLES
.X ± 0.25	X' ± 2°
.XX ± 0.20	.X' ± 1°
.XXX ± 0.05	

DRAWN	SS	4/15/21
CHECKED	SS	4/15/21
APPROVED	XX	XX/XX/XX

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



TITLE
UNIVERSAL SERIAL BUS, TYPE C, MALE PLUG,
SURFACE MOUNT, BLACK INSULATOR, WITH CAP
TRANSMISSION EFFICIENCY: 480Mbps

SIZE X	PART NO. USB-C20-PLUG-J-SMT-DC-T/R	REV. B
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REF: S00005C	SCALE: NTS	SHEET 1 OF 1
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