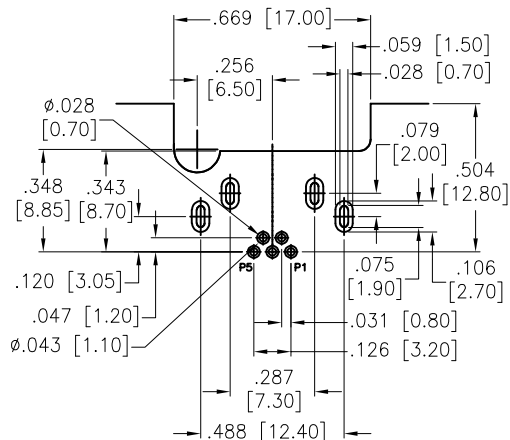
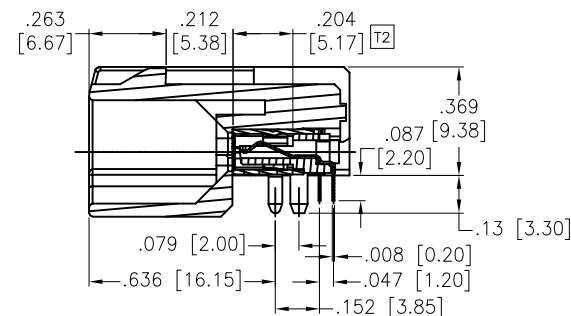
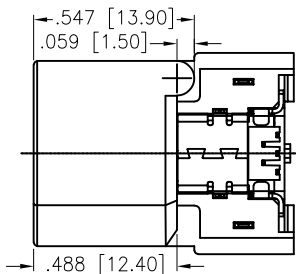
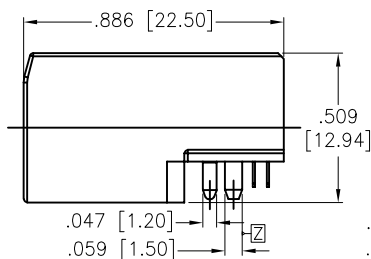
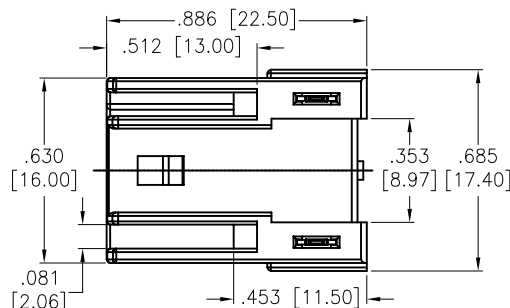
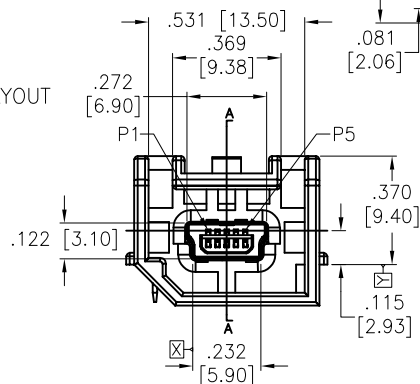


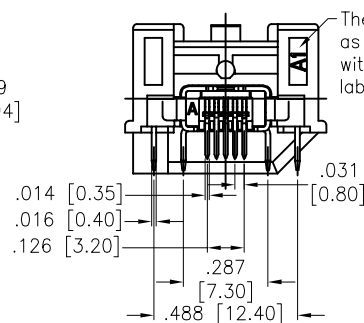
DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT



SECTION A-A



The mold cavity numbers are as follows: recessed characters with a depth of 0.03mm, labeled from A, B ... to H.

USB SERLES MINI_B CONTACT TERMINATION ASSLGNMENT

CONTACT NAMDER	SIGNAL NAMDER
1	VBUS
2	D-
3	D+
4	ID
5	GND
SHELL	SHELL

SPECIFICATIONS:

Material:

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

Housing: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black

Contacts: Copper Alloy

Shell: Brass, Tin plated

Fitting Nail: Brass

Plating:

Gold Flash over Nickel underplate on contact area

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 5V

Current rating: 1 Amp

Contact resistance: 30 mohms max

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 500V AC R.M.S

Mechanical:

Mating force: 45N max.

Unmating force: 75N max.

Durability: 20 Cycles (latch)

Temperature Rating:

Operating temperature: -40°C to $+85^{\circ}\text{C}$

Environmental:

Lead free, RoHS compliant.



Rev	AWO #	Description	Date	Appr
-		RELEASED	8/7/24	
A		UPDATE SPEC.	10/18/24	WY/AC1
B		ADDED SPEC.	12/10/24	LH/AC1
C		ADDED SPEC.	1/20/25	LH/RC
D		UPDATE DRAWING	3/14/25	WY/RC
E		UPDATE DRAWING	4/24/26	WY/RC

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED				ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 adam-tech.com		
INCHES .X ± .10 .XX ± .020 .XXX ± .015		HOLES Ø.X ± .10 Ø.XX ± .015 Ø.XXX ± .010				
DRAWN		LH 8/7/24				
CHECKED		RC 8/7/24				
APPROVED				TITLE (HSecurLinC) MINI USB, TYPE B, 5 PIN, SINGLE PORT RIGHT ANGLE, DIP TYPE, W/BRIDGE, A-CODE		
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SIZE X		PART NO. MUSB-B5-S-RA-AB-A				REV E
REF: 500197C		SCALE: NTS				SHEET 1 OF 1

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