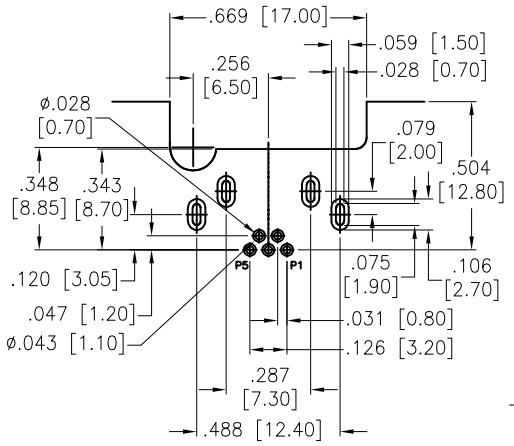
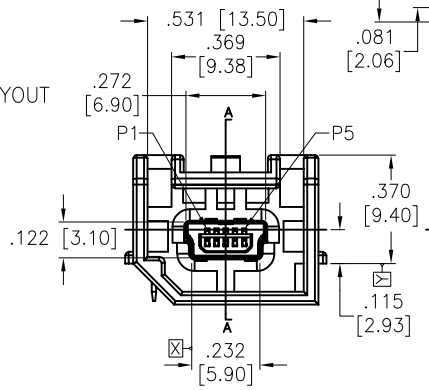
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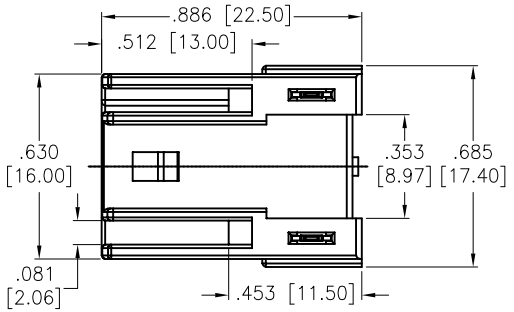
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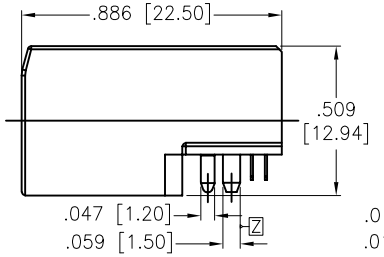
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/7/24	
A		UPDATE SPEC.	10/18/24	WY/AC1
B		ADDED SPEC.	12/10/24	LH/AC1
C		ADDED SPEC.	1/20/25	LH/RC
D		UPDATE DRAWING	3/14/25	WY/RC
E		UPDATE DRAWING	4/24/26	WY/RC

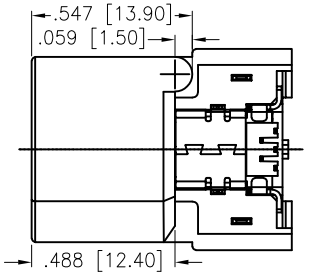


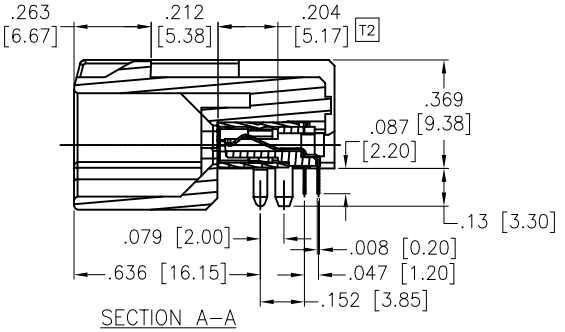
RECOMMENDED PCB LAYOUT



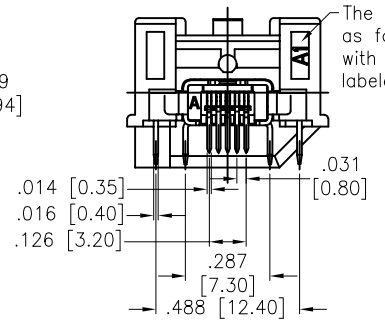








SECTION A–A



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
Houing: 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°C

Environmental:
Lead free, RoHS compliant. RoHS COMPLIANT

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

INCHES	.X	± .10	HOLES	Ø.X	±.10
	.XX	± .020		Ø.XX	±.015
	.XXX	± .015		Ø.XXX	±.010

DRAWN	LH	8/7/24
CHECKED	RC	8/7/24
APPROVED		

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Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE
(HSecurLinC) MINI USB, TYPE B, 5 PIN, SINGLE PORT RIGHT ANGLE, DIP TYPE, W/BRIDGE, A-CODE

SIZE	PART NO.	REV.
X	MUSB-B5-S-RA-AB-A	E

REF:	SCALE:	SHEET
S00197C	NTS	1 OF 1

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