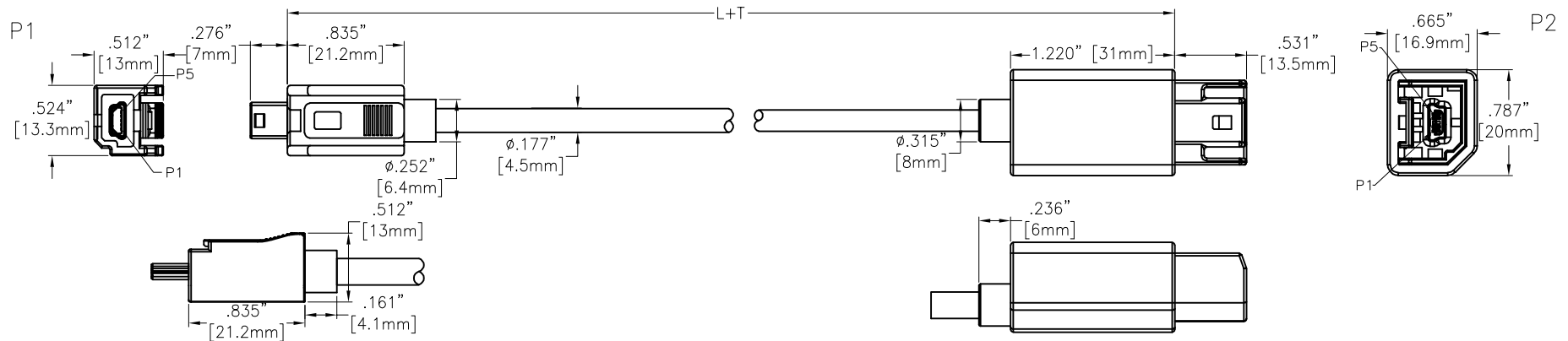


APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

CUSTOM CABLE ASSEMBLIES ARE  
NON-CANCELLABLE/NON-RETURNABLE

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/7/24	
A		UPDATE DRAWING	3/13/24	LH/KC
B		UPDATE DRAWING	3/15/24	LH/KC
C		ADDED SPEC.	3/19/24	LH/KC
D		UPDATE DRAWING	8/22/24	LH/RC
E		UPDATE SPEC.	10/21/24	LH/RC
F		UPDATE DRAWING	12/10/24	LW1/AC1



ADAM TECH P/N	L+T
CA-USB-MBML-MBFL-0.7M	27.500"±1.181" [700±30mm]
CA-USB-MBML-MBFL-1M	39.370"±1.181" [1000±30mm]
CA-USB-MBML-MBFL-2M	78.740"±1.575" [2000±40mm]
CA-USB-MBML-MBFL-3M	118.110"±1.969" [3000±50mm]
CA-USB-MBML-MBFL-XM	Contact factory for custom lengths

#### PIN ASSIGNMENT

USB MINI B/M		USB MINI B/F
PIN 1	VBUS (RED)	PIN 1
PIN 2	D+ (GREEN)	PIN 2
PIN 3	D- (WHITE)	PIN 3
PIN 5	GND (BLACK)	PIN 5
Shell	SHIELD	Shell

#### SPECIFICATIONS:

##### Connectors:

P1= Mini USB Connector Plug 5P, STR, W/Latching, rated UL 94V-0

Mating with USB-B5-S-RA-AB-A-30

P2= Mini USB Connector Female 5P, STR, W/Latching, rated UL 94V-0

##### Cable:

28AWG\*1P+24AWG\*2C+AEB VW-1, O.D: .177" [4.5mm], Jacket Color: Black PVC

##### Electrical:

Voltage rating: 5V

Current rating: 1A

Contact resistance: 2 ohms max

Insulation resistance: 5 Mohms min, 300V DC

##### Electrical Test:

All assemblies must be 100% tested for shorts, open continuity and physical appearance.

##### Environmental:

Lead free, RoHS compliant.



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

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

DRAWN	WX	3/4/24
CHECKED	KC	3/4/24
APPROVED		

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

**ADAM  
TECH**

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

TITLE (HSecurLinC) CABLE, MINI USB CONNECTOR PLUG 5P STR  
TO MINI USB CONNECTOR FEMALE 5P STR, W/LATCHING  
TRANSMISSION EFFICIENCY: 480Mbps

SIZE X	PART NO. CA-USB-MBML-MBFL-XM	REV. F
REF: S00197C	SCALE: NTS	SHEET 1 OF 1

# Mouser Electronics

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