

654321

Rev

AWO #

Description

Date

Appr

-

RELEASED

8/27/24

APPROVED:

DATE:

TITLE:

CUSTOM CABLE ASSEMBLIES ARE
NON-CANCELLABLE/NON-RETURNABLE

P1

B12

A1

B1

A12

.531"
[13.5mm]

.630"
[16mm]

.197"
[5mm]

.315"
[8mm]

.315"
[8mm]

.787"
[20mm]

.531"
[13.5mm]

L+T

P2

A12

B1

A1

B12

.236"
[6mm]

.665"
[16.9mm]

1.220" [31mm]

PIN ASSIGNMENT:

P1		WIRE	P2	
Signal	Name		Pin	Signal
GND	A1/B1/A12/B12	Black	A1/B1/A12/B12	GND
VBUS	A4/B4/A9/B9	Red	A4/B4/A9/B9	VBUS
CC	A5	Blue	A5	CC
Vconn	B5	Yellow	B5	Vconn
DP1	A6/B6	Green	A6/B6	DP1
DN1	A7/B7	White	A7/B7	DN1
SSTXp1	A2	High speed pair 1	B11	SSRXp1
SSTXn1	A3		B10	SSRXn1
SSRXp1	B11	High speed pair 2	A2	SSTXp1
SSRXn1	B10		A3	SSTXn1
SSTXp2	B2	High speed pair 3	A11	SSRXp2
SSTXn2	B3		A10	SSRXn2
SSRXp2	A11	High speed pair 4	B2	SSTXp2
SSRXn2	A10		B3	SSTXn2
SBU1	A8	Purple	B8	SBU2
SBU2	B8	Orange	A8	SBU1
SHELL		Braid	SHELL	

.236"
[6mm]

.665"
[16.9mm]

1.220" [31mm]

SPECIFICATIONS:

Connectors:

P1&P2= USB4.0 Connector Type-C Female, W/Shell, Pin: Gold plated, W/Latching, rated UL 94V-0

Insulator Color: Black, Outer molded Color: Block, PVC

Mating with CA-USB4-CMLX-CFLX-XM

Cable:

UL20276 (32AWG*1P+EAM)*4+32AWG*1P+32AWG*4C+24AWG*2C+A+B VW-1

O.D.: .197" [5mm], Jacket Color: Black. PVC

Electrical:

Voltage: 20V

Current: 3A

Contact resistance: 2 ohms max

Insulation resistance: 10 Mohms min, 300V DC

Mechanical:

Cable retention force: 100g downward vertical at 60CM; 40N for 1 minute

Electrical Test:

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

Environmental:

Lead free, RoHS compliant.

RoHS

COMPLIANT

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

.X ±.10

.XX ±.020

.XXX ±.015

HOLES

ØX ±.10

ØXX ±.015

ØXXX ±.010

DRAWN

LH

8/27/24

CHECKED

RC

8/27/24

APPROVED

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ADAM TECH

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

TITLE

(HSecurLinC) CABLE, USB4.0 CONNECTOR TYPE-C FEMALE TO USB4.0 CONNECTOR TYPE-C FEMALE, W/LATCHING TRANSMISSION EFFICIENCY: 40G

SIZE

X

PART NO.

CA-USB4-CFLX-CFLX-XM

REV.

-

REF:

S00197C

SCALE:

NTS

SHEET

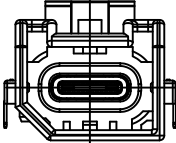
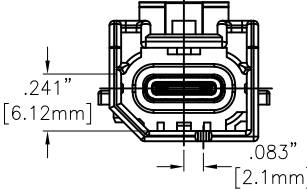
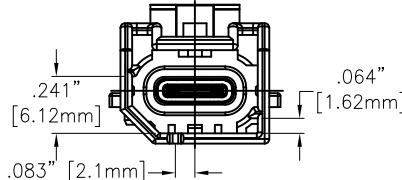
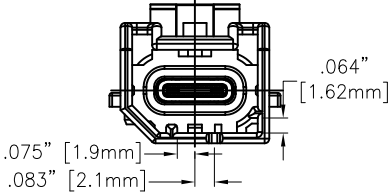
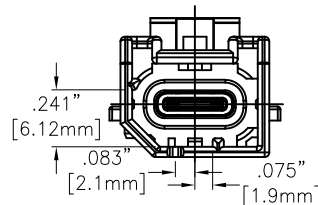
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APPROVED: _____

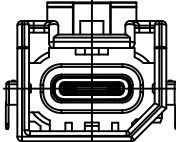
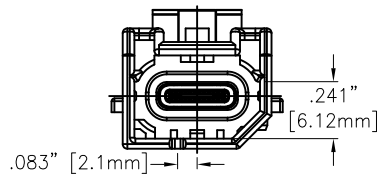
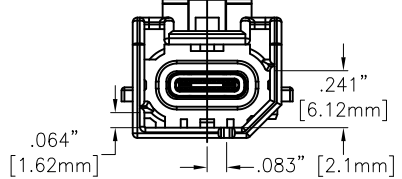
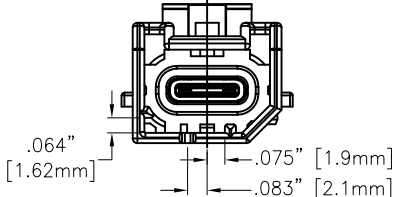
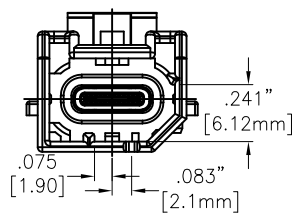
DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE
NON-CANCELLABLE/NON-RETURNABLE

CA-USB4-CFLX-CFLX-XM
(Code see chat)

CODE	RECEPTACLE	CASE COLOR
A		JET BLACK
C		NUT BROWN
E		SIGNAL BLUE
G		BLUE GRAY
J		BEIGE

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

CODE	RECEPTACLE	CASE COLOR
B		CLARET VIOLET
D		LEAF GREEN
F		CREAM WHITE
H		YELLOW GREEN
K		CURRY

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

INCHES	HOLES
X ±.10	ØX ±.10
.XX ±.020	ØXX ±.015
.XXX ±.015	ØXXX ±.010

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TO USB4.0 CONNECTOR TYPE-C FEMALE, W/LATCHING
TRANSMISSION EFFICIENCY: 40G

SIZE X	PART NO. CA-USB4-CFLX-CFLX-XM	REV. -
REF: S00197C	SCALE: NTS	SHEET 2 OF 2

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[CA-USB4-CFLA-CFLA-0.6M](#)