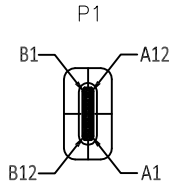


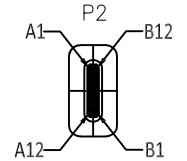
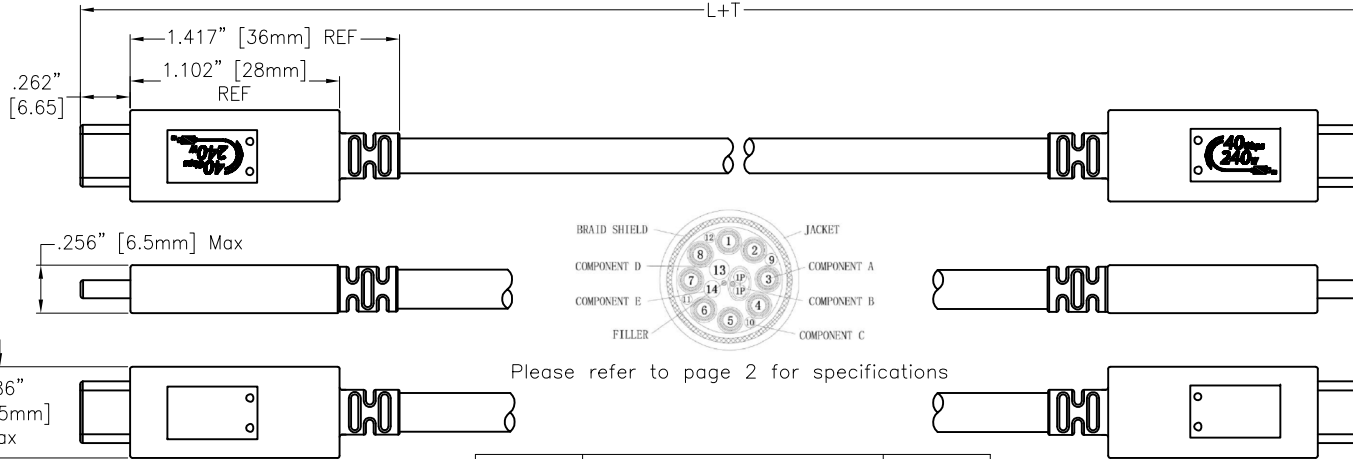
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/12/23	
A		ADDED PAGE2	6/21/23	LH/RC
B		UPDATE SPEC.	9/6/23	WX/TW



USB C PLUG



USB C PLUG

Please refer to page 2 for specifications

P1		WIRING DIAGRAM				P2	
USB C PLUG		WIRE				USB C PLUG	
PIN	SIGNAL NAME	WIRE NUMBER	CONDUCTOR COMPONENT	SIGNAL NAME	WIRE COLOR	PIN	SIGNAL NAME
A1, B1 A12, B12	GND	1	COMPONENT E	GND_PWRr11 [GND_PWRr12]	SDP1+SDP2 SDP3+SDP4 DRAIN	A1, B1 A12, B12	GND
A4, B4 A9, B9	VBUS	2	COMPONENT D	PWR_VBUS1 [PWR_VBUS2]	RED	A4, B4 A9, B9	VBUS
A5	CC	3	COMPONENT C	CC	BLUE	A5	CC
B5	VCONN	18		PWR_VCONN	YELLOW	B5	VCONN
A6	Dp1	4	COMPONENT B	UTP_Dp	GREEN	A6	Dp1
A7	Dn1	5		UTP_Dn	WHITE	A7	Dn1
A2	SSTXp1	6	COMPONENT A	SDPp1	RED (BLUE)	B11	SSRXp1
A3	SSTXn1	7		SDPn1	RED (WHITE)	B10	SSRXn1
B11	SSRXp1	8		SDPp2	BLUE (WHITE)	A2	SSTXp1
B10	SSRXn1	9		SDPn2	BLUE (BLUE)	A3	SSTXn1
B2	SSTXp2	10		SDPp3	GREEN (BLUE)	A11	SSRXp2
B3	SSTXn2	11		SDPn3	GREEN (WHITE)	A10	SSRXn2
A11	SSRXp2	12	COMPONENT C	SDPp4	SILVER (WHITE)	B2	SSTXp2
A10	SSRXn2	13		SDPn4	SILVER (BLUE)	B3	SSTXn2
A8	SBU1	14		SBU_A	VIOLET	B8	SBU2
B8	SBU2	15		SBU_B	PINK	A8	SBU1
SHELL	SHIELD	BRAID		SHIELD	BRAID	SHELL	SHIELD

With E-Marked IC Table	
E-Marked IC (Vendor)	Voltage/Current
Etron PD3.1 (EPR)	48V/5A



ADAM-P/N	L+T
CA-USB4-CM/CM-0.8M-A	31.496"±1.969" [800±50mm]
CA-USB4-CM/CM-1M-A	39.370"±1.969" [1000±50mm]

SPECIFICATIONS:

Connector:

P1 & P2= USB C TYPE 4.0 Plug, Insulator: Color: Black, Pin: 30u" Gold plated, W/Extruded shell
Overmold Color: Black TPE, Inner mold: PE

Cable:

USB4.0, 30C/32/24/26 TCB, O.D: .197" [5mm], Jacket Color: Black TPE

Electrical:

Voltage rating: 150V DC

Contact resistance: 5 ohms max

Insulation resistance: 2 Mohms min

Voltage drop: VBUS 500 mV, GND 250 mV

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	JJ	4/12/23
CHECKED	RC	4/12/23
APPROVED		

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AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

**ADAM
TECH**

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

TITLE CABLE ASSEMBLY, CABLE USB4.0 #30C/32/24/26
USB 4.0 PLUG TO USB 4.0 PLUG, O.D: .197" [5mm]
USB4 40GBPS (COAXIAL CABLE 30 AWG)

SIZE X	PART NO. CA-USB4-CM/CM-XXM-A	REV. B
REF: S00013T	SCALE: NTS	SHEET 1 OF 2

6		5		4		3		2		1																			
APPROVED: _____ DATE: _____ TITLE: _____						Rev	AWO #	Description		Date	Appr																		
						SEE SHT 1 OF 2 FOR REVISION																							
D	Description Rated Voltage (V) 30 Rated Temperature (°C) 80 Product Standard Certification UL 21104 Flame Standard Application Internal wiring of Class 2 drcuits in Electronic Equipment. Reference Standard UL758					Color Insulation Component A :8 COAX Insulation Color: Black Hot-Polyester Tape Color: 1. Black 2. White 3. Yellow 4. Brown 5. Green 6. Gray 7. Blue 8. Red Component B: 1P. White & Green Component C: 9. Blue 10. Yellow 11. Red 12. Orange Component D: 13. Red Component E: 14. Black																							
	Construction Conductor Silver-Coated Copper Component A : 8COAX AWG 30 Construction (± 0.01mm) 7/0.10SC Stranded Dia.(mm) 0.30 Insulation FEP Nom. Thickness (mm) 0.25 Insulation Dia.(± 0.10mm) 0.80 Spiral Shield Tinned Copper Construction(± 2T) 50/0.05T Coverage(%) ≥100% Shield melting Copper Foil Coverage(%) ≥130% Bind Hot-Polyester tape Coverage(%) ≥130% Component B: 1P AWG 32 Construction (± 0.008mm) 18/0.05T Stranded Dia.(mm) 0.24 Insulation FEP Nom. Thickness (mm) 0.22 Insulation Dia.(± 0.10mm) 0.58 Drain wire Stranded Tinned Copper Construction (± 0.008mm) 18/0.05 T Shield Aluminum/Polyester Coverage(%) ≥125% Shield Hot-Polyester Tape Coverage(%) ≥125% Component C: 4C AWG 32 Construction (± 0.008mm) 18/0.05T Stranded Dia.(mm) 0.24 Insulation FEP Nom. Thickness (mm) 0.10 Insulation Dia.(± 0.10mm) 0.45					Construction Component D: 1C AWG 24 Construction (± 0.008mm) 52/0.08T Stranded Dia.(mm) 0.66 Insulation FEP Nom. Thickness (mm) 0.12 Insulation Dia.(± 0.10mm) 0.95 Component E: 1C AWG 26 Construction (± 0.008mm) 26/0.08T Stranded Dia.(mm) 0.47 Insulation FEP Nom. Thickness (mm) 0.14 Insulation Dia.(± 0.10mm) 0.70 Component A B C D E Cable Together FILLER Cotton Yarn Bind Insulation tape Coverage(%) ≥125% Braid Shield Tinned Copper Construction(mm) 16/9/0.08T Coverage(%) 75% Jacket TPE Nom. Thickness(mm) 0.4 Outer Dia.(± 0.20mm) 5.0 Jacket Color BLACK (Matte)																							
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DRAWN JJ 4/12/23						TITLE CABLE ASSEMBLY, CABLE USB4.0 #30C/32/24/26 USB 4.0 PLUG TO USB 4.0 PLUG, O.D: .197" [5mm] USB4 40GBPS (COAXIAL CABLE 30 AWG)																							
CHECKED RC 4/12/23						SIZE X						PART NO. CA-USB4-CM/CM-XXM-A						REV. B											
APPROVED						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH						REF: S00013T						SCALE: NTS						SHEET 2 OF 2					
6		5		4		3		2		1																			

