



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

**SPECIFICATIONS:**

**Connector:**  
P1 & P2= USB C Plug, Insulator Color: Black, Contact: 30u" Gold plated, Shell: Nickel plated, Overmold Color: Black, PVC

**Cable:**  
USB4.0, #30/32/24/26 TCB, O.D: .197" [5mm], Jacket Color: Black  
Electrical:  
Voltage rating: 150 VDC  
Current rating: 5A  
Contact resistance: 5 ohms max  
Insulation resistance: 2 Mohms min  
Dielectric withstanding voltage: VBUS=500mV Max, GND=250mV max.

**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	1/10/22
CHECKED	RC	1/10/22
APPROVED		

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TITLE  
CUSTOM ASSEMBLY, CABLE USB4.0 30/32/24/26AWG  
USB C PLUG TO USB C PLUG

SIZE X	PART NO. CA-USB4-CM/CM-0.8M-A	REV. -
REF: S00013T	SCALE: NTS	SHEET 1 OF 1