



Part no. CBLC2-C B 1M0 2 3 - FG
1 2 3 4 5 6 7

- Note:
 1. Cable Assembly Must Be RoHS Compliant.
 2. Cable Must Be Open, Short, Miswire 100% Tested.
 3. USB Cable Electric Test:
 A. Voltage: 300V DC
 B. Contact Resistance: 5 Ohm Max.
 C. Insulation Resistance: 2M ohm Min.

- SERIES NO. CBL31=USB C TYPE CABLE 2.0
- CONNECTOR 1 C=USB C PLUG
- CONNECTOR 2 B=USB 2.0
- CABLE LENGTH 1M0=1000mm
- USB SPECIFICATION 2=2.0 480mbps
- CABLE COLOR 3=BLACK
- GREEN OPTION FG=RoHS Compliant

P1		WIRING DIAGRAM			P2	
USB C PLUG		WIRE			USB 2.0 BM	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	COLOR AVG	PIN	SIGNAL NAME
A1, B1, A12, B12	GND	1	GND_PWR+r+t1	BLACK	4	GND
A4, B4, A9, B9	VBUS	2	PWR_VBUS1	RED	1	VBUS
A5	CC	W/RESISTOR				
B5	vconn	N/A				
A6	Dp1	3	UTP_Dp	GREEN	3	D+
A7	Dn1	4	UTP_Dn	WHITE	2	D-
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD

8	Over Mold	PVC COLOR BLACK
7	INNER Mold	PE
6	FOIL	COPPER FOIL
5	TIN	TIN STICK, TIN WIRE
4	PCBA	PCBA, W/Resistor(Rd 5.1K ohm)
3	CONN P2	USB 2.0 BM, BLACK INSULATOR, CONTACT PLATING: Au 30u' SHELL PLATED NICKEL,(W/TIN PLATE)
2	CONN P1	USB C PLUG, BLACK INSULATOR, CONTACT PLATING: Pd-Ni 30u'+Gold 2u' SHELL PLATED NICKEL,(W/TIN PLATE)
1	CABLE	USB 2.0 UL2725 28/24 ADB DD:4.0mm, BLACK PVC JACKET
NO.	TITLE	DESCRIPTION

For SIP
 For CmK/Cpk

UNLESS OTHERWISE SPECIFIED TOLERANCE
 ANG. ± 5°
 0. ± 0.5
 .0 ± 0.3
 .00 ± 0.2

AP APTOS TECHNOLOGY

SCALE: AS SHOWN UNIT: mm
 DRAWN: JAG 1/30/18
 CHECKED: / /
 APPROVED: / /

DRAWN NAME: CBLC2 Series
 USB C Plug to 2.0 BM Cable
 PRODUCT NO: CBLC2-CB1M023-FG
 FILE NAME: CBLC2-CB1M023-FG.dwg

REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		

SIZE A4 REV. A