



Part no.
CBL02- C 0 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% TEST.
 3.USB CABLE ELECTRIC TEST:
 A.VOLTAGE: 300V DC.
 B.CONTACT RESISTENCE: 5 Ohm Max.
 C.INSULATION RESISTENCE:2M Ohm Min.

1. SERIES NO.
 CBL02=USB C TYPE CABLE 2.0
 2. CONNECTOR 1
 C=USB C PLUG
 3. CONNECTOR 2
 0=USB 2.0
 4. CABLE LENGTH
 1M0=1000mm

5. USB SPECIFICATION
 2=2.0 480Mbps
 6. CABLE COLOR
 3=BLACK
 7. GREEN OPTION
 FG=RoHS Compliant

P1 WIRING DIAGRAM					P2		
USB C PLUG		WIRE			USB2.0 Micro USBM		
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	Wire COLOR & AVG	PIN	SIGNAL NAME	
A1,B1,A12,,B12	GND	1	GND_PWRrt1	BLACK	5	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-	
				N/A	4	ID	
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD	

NO.	TITLE	DESCRIPTION
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#2	USB 2.0 MICRO USB M,BLACK INSULATOR, CONTACT PLATING: Au 30u' SHELL PLATED NICKEL,(W/TIN PLATE)
2	CONN#1	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

For SIP
 For Cmk/Cpk

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

AP APTOS TECHNOLOGY

SCALE: AS SHOWN UNIT: mm
 DRAWN JAG 1/30/18
 CHECKED //
 APPROVED //
 DRAWN NAME: CBL02 Series
 USB C Plug to 2.0 MICRO USB M CABLE
 PRODUCT NO: CBL02-C01M023-FG
 FILE NAME: CBL02-C01M023-FG.dwg

REV.	DESCRIPTION	DATE	SIZE	A4	REV.	A	FILE NAME:
1							CBL02-C01M023-FG.dwg