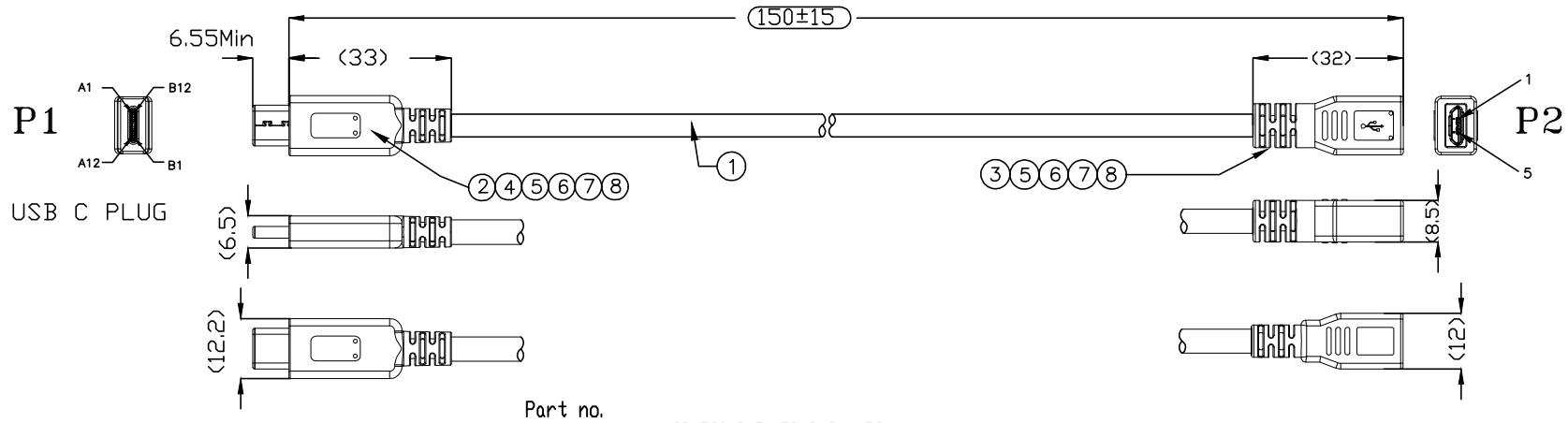

Part no.

CBL□20 C □ 15C 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.

1. SERIES NO.
   CBL□20=USB C TYPE CABLE 2.0
2. CONNECTOR 1
   C=USB C PLUG
3. CONNECTOR 2
   □=USB 2.0
4. CABLE LENGTH
   15C=150mm
5. USB SPECIFICATION
   2=2.0 480mbps
6. CABLE COLOR
   3=BLACK
7. GREEN OPTION
   FG=RoHS Compliant

WIRING DIAGRAM

P1 USB TYPE C PLUG		WIRE			P2 MICRO USB BM	
PIN	SIGNAL NAME	WIRE NUMBER	COLOR AWG	SIGNAL NAME	PIN	SIGNAL NAME
A1,B1,A12,,B12	GND	1	BLACK	GND_PWRrt1	5	GND
A4,B4,A9,B9	VBUS	2	RED	PWR_VBUS1	1	VBUS
A5	CC	W/RESISTOR				
B5	VCONN	N/A				
A6	DP1	3	GREEN	UTP_Dp	3	D+
A7	DN1	4	WHITE	UTP_Dn	2	D-
N/A					4	ID
SHELL	SHIELD	BRIAD	SHIELD		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(Rp 56K ohm)
3	CONN#2	USB 2.0 MICRO BF,BLACK INSULATOR,CONTACT GOLD FLASH,SHELL PLATED NICKEL
2	CONN#1	USB USB TYPE C PLUG, BLACK INSULATOR CONTACT PLATING : 30u"Pd Ni+2u",SHELL PLATED NICKEL(W/TIN PLATE)
1	CABLE	USB 2.0 UL2725 28/24 ADB OD:4.0mm BLACK PVC JACKET

For SIP
(ST) For CmK/Cpk

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

SCALE: AS SHOWN
UNIT: mm

APTOS TECHNOLOGY

REV.	DESCRIPTION	DATE
		/ /
		/ /
		/ /

DRAWN JAG 1/30/18
CHECKED / /
APPROVED / /

SIZE A4 REV. A

DRAWN NAME: CBL□20 Series
USB C Plug to 2.0 Micro BF Cable
PRODUCT NO. CBL□20-C□15C23-FG
FILE NAME: CBL□20-C□15C23-FG.dwg