



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.

P1		WIRING DIAGRAM				P2	
USB C PLUG		WIRE				USB2.0 Micro USBM	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	Wire COLOR & AWG	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 BM,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 OD:4.0mm, BLACK PVC JACKET

RoHS compliant
Unit: mm

Scale	FREE	Date	31.03.2015	Name	Joanna	Customer-No.		
TOLERANCE		Drawn	02.03.2020	Approved	Luca	ASSMANN WSW-No. A-USB31C-20MB-XXX		
X.	±1					Drawing-No.		
.X	±0.5	②	Update drawing	06.01.2020	Luca	ASS 7350 CA rev02		
.XX	±0.25	①	Update drawing	06.01.2020	Luca			
DIM	TOL	①	Drawn	31.03.2015	Joanna	Replace		Sheet
Angle	TOL	Id.	Modification	Date	Name			

