



P1 MICRO USB(B)M 5P
(MOLDING BLACK COLOR)

P2 TYPE C 2.0 MALE
(MOLDING BLACK COLOR)

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 RESISTANCE: 5 Ohm Max.
 C.INSULATION RESISTANCE: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, WHITE INSULATOR, CONTACT PLATING: Pd-Ni 30u'+Gold 2u' SHELL PLATED NICKEL,(w/TIN PLATE)
1	CABLE	USB 2.0 UL2725 28/24 ADB OD:3.8mm, BLACK PVC JACKET

RoHS compliant
Unit: mm

Scale	FREE				Date	Name	Customer-No.	
TOLERANCE					Drawn	31.03.2015	Joanna	
X.	±1				Approved	25.09.2021	Winnie	
.X	±0.5	③	Update shell to extruded shell	25.09.2021	Winnie	Approved	25.09.2021	Winnie
.XX	±0.25	②	Update drawing	06.01.2020	Luca			
DIM	TOL	①	Update drawing	06.01.2020	Luca			
		①	Drawn	31.03.2015	Joanna			
Angle	TOL	Id.	Modification	Date	Name			



ASSMANN WSW-No.
A-USB31C-20MB-XXX

Drawing-No.
ASS 7350 CA rev03

Replace Sheet