

1 2 3 4 5 6 7

Electrical test:
 1.100% short , open , miswire test
 2.Conduct resistance : 5 Ohm max
 3.Insulator resistance : 2 Mohm min
 4.Dielectric test : DC 300V
 5.CABLE ASSEMBLY MUST BE RoHS COMPLIANT.

⑧	Over Mold	PVC COLOR BLACK
⑦	InnerMold	PE
⑥	FOIL	COPPER FOIL
⑤	TIN	TIN STICK,TIN WIRE
④	PCBA	PCBA,W/RESISTOR (56kohm ±5%), CAPACITOR (10nf±20%) ②
③	CONN P2	USB3.1 A MALE,BLUE INSULATOR,CONTACT PLATING: Gold 30u" SHELL PLATED NICKEL,(W/TIN PLATE)
②	CONN P1	USB C PLUG, BLACK INSULATOR,CONTACT PLATING: Gold 30u" SHELL PLATED NICKEL(Extruded Shell),(W/TIN PLATE)
①	CABLE	USB3.1 UL20276 #28/28/23/24 ADB OD:4.8mm, BLACK PVC JACKET
NO.	TITLE	DESCRIPTION

P1		WIRING DIAGRAM			P2	
USB C PLUG		WIRE			USB 3.1 AM	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	WIRE COLOR & AWG	PIN	SIGNAL NAME
A1,B1, A12,B12	GND	1,7,10	GND_PWRn1 SDP1_DRAIN,SDP2_DRAIN	BLACK SDP1+SDP2 DRAIN	4	GND
A4,B4, A9,B9	VBUS	2	PWR_VBUS1	RED #23	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-
A2	SSTXp1	5	SDPp1	YELLOW	6	StdA_SSRX+
A3	SSTXn1	6	SDPn1	BLUE	5	StdA_SSRX-
B11	SSRXp1	8	SDPp2	ORANGE	9	StdA_SSTX+
B10	SSRXn1	9	SDPn2	PURPLE	8	StdA_SSTX-
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD

RoHS compliant
Unit: mm

Scale	Free					Date	Name	Customer-No.
TOLERANCE		④	Add sticking point and modify dim.	24.04.2019	Xavier	Drawn	31.03.2015	Joanna
X.	±1	③	Change overmolding and cable OD	12.03.2019	Xavier	Approved	15.03.2017	Amy
.X	±0.5	②	Add resistor and capacitor	06.03.2019	Xavier			
.XX	±0.25	①	Add OD size	15.03.2017	Amy			
DIM	TOL	①	Drawn	31.03.2015	Joanna			
Angle	TOL	Id.	Modification	Date	Name			

Drawing-No.		ASSMANN WSW-No.
ASS 7351 CA		rev04
Replace	Sheet 1/1	

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