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A

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A

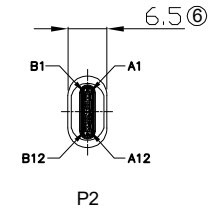
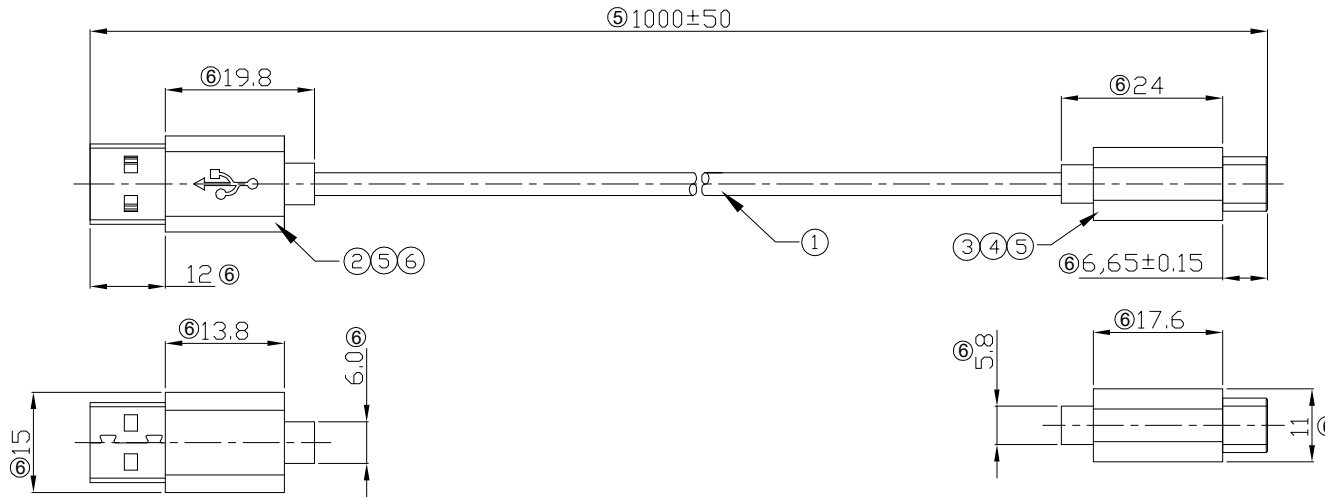
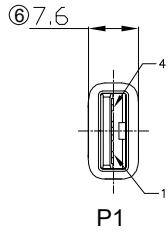
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P2		WIRING DIAGRAM				P1	
USB C PLUG		WIRE				USB 2.0 AM	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	COLOR AWG	PIN	SIGNAL NAME	
A1,B1,A12,B12	GND	1	GND_PWRt1	BLACK	4	GND	
A4,B4,A9,B9	VBUS	2	PWR_VBUS1	RED	1	VBUS	
A5	CC	W/RESISTOR					
B5	VCONN	N/A					
A6	Dp1	3	UTP_Dp	GREEN	3	D+	
A7	Dn1	4	UTP_Dn	WHITE	2	D-	
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD	

**NOTES:**

- 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: 5ohms max.
  - C. Insulation Resistance: 2M ohms min.

NO.	TITLE	DESCRIPTION
⑥ 6	Over Mold	PVC 45P 94-V0, BLACK
5	Inner Mold	PE
⑥ ② 4	Over Mold	PVC 45P 94-V0, BLACK
⑥ 3	CONN P2	USB 2.0 C TYPE, BLACK INSULATOR, MALE CONTACT PLATING: GOLD FLASH SHELL PLATED NICKEL (W/TIN PLATE) , TENSILE SHELL,+56K OMH+/-10%
⑥ 2	CONN P1	USB2.0 A BLACK INSULATOR, MALE CONTACT PLATING: GOLD FLASH SHELL PLATED NICKEL (W/TIN PLATE)
⑥ 1	CABLE	USB CABLE AL+B,30AWG*1P+24AWG*2C+AL+D OD:3.8mm, BLACK PVC JACKET

G

H

G

H

**RoHS compliant**  
Unit: mm

Scale	FREE	⑥	Update shell to extruded shell and label	22.10.2021	Peter	Date	Name
<b>TOLERANCE</b>		⑤	Keep cable length 1M only	26.09.2019	Winnie	31.03.2015	Joanna
X.	±1	④	Update overmold dimension of A/M end	20.08.2018	Xavier	22.10.2021	Peter
.X	±0.5	③	Update	10.07.2018	Xavier		
.XX	±0.25	②	Update	27.06.2018	Xavier		
DIM	TOL	①	Update	16.03.2018	Tom		
Angle	TOL	Id.	Modification	Date	Name		



Description: USB C/AM 2.0 Cable	
ASSMANN WSWW-No. <b>A-USB31C-20A-100</b>	
Drawing-No.	rev06
<b>ASS 7348 CA</b>	Sheet 1/2
Customer-No.	

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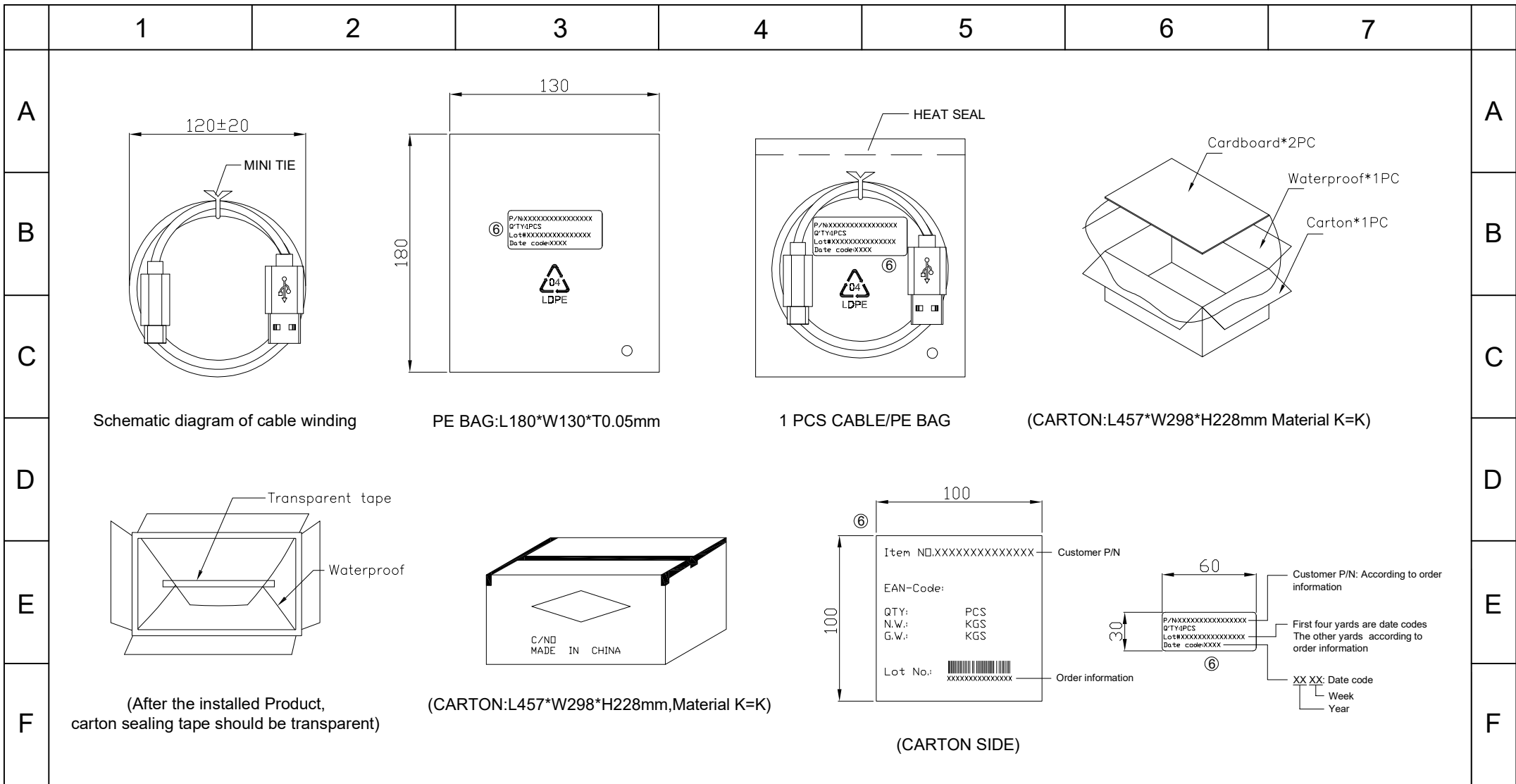
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G	RoHS compliant Unit: mm	Scale	FREE	⑥	Update shell to extruded shell and label	22.10.2021	Peter		Date	Name	Description: USB C/AM 2.0 Cable	G
		TOLERANCE		⑤	Keep cable length 1M only	26.09.2019	Winnie	Drawn	31.03.2015	Joanna		
H		X.	±1	④	Update overmold dimension of A/M end	20.08.2018	Xavier	Approved	22.10.2021	Peter	ASSMANN WSW-No. A-USB31C-20A-100	H
		.X	±0.5	③	Update	10.07.2018	Xavier					
		.XX	±0.25	②	Update	27.06.2018	Xavier	ASSMANN WSW components		Drawing-No.	ASS 7348 CA	rev06
		DIM	TOL	①	Update	16.03.2018	Tom			Customer-No.	Sheet	
		Angle	TOL	Id.	Modification	Date	Name			2/2		