

Product Change Notification(PCN)

Issue Date: 01.11.2019
Modification / Revision Date: 01.11.2019

A-USB31C-31C-xxx USC3.1 TYPE C cable

Change Notification:	PCN 20191101 A-USB31C-31C-xxx
Description of changes:	<ol style="list-style-type: none">1. Update overmolding and cable spec.2. Draw.-No. ASS_7656_CArev01 substitutes ASS_7656_CArev00
Date of change and Implementation:	Change: Week 44 / 2019 Implementation: 01.11.2019
Key Characteristics of Change:	Update overmolding and cable spec, see page 3
Products Affected:	A-USB31C-31C-xxx
Reason for Change:	Update overmolding and cable spec
Response :	No response to this notification is required.

PCN Revision History:

Date of Revision: 01.11.2019

Revision Number: 00

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Reference Documents / Attachments:

Document: Drawing

ASSMANN WSW P/N	Drawing Number
A-USB31C-31C-xxx	ASS_7656_CArev01

PCN Revision History:

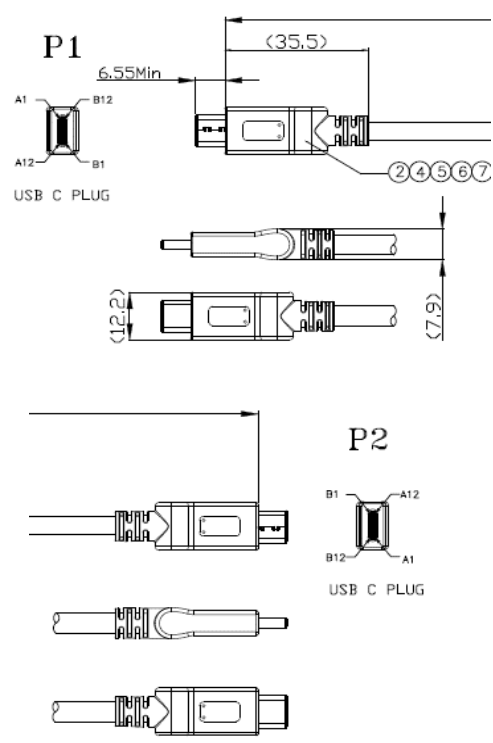
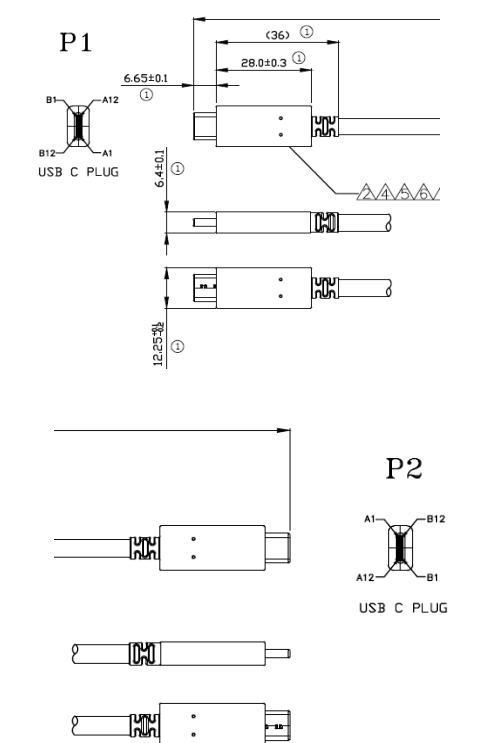
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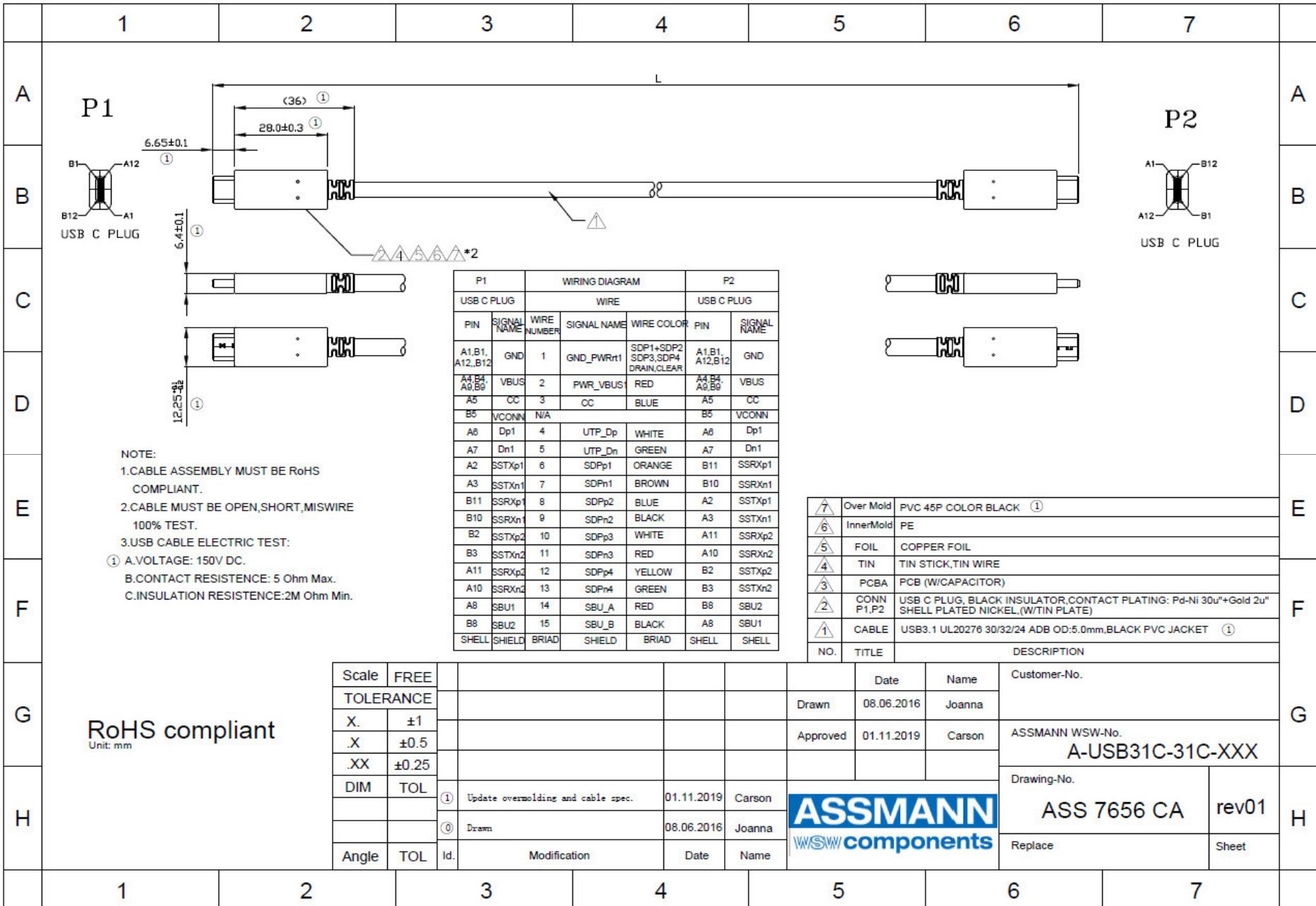
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A-USB31C-31C-xxx	Old version	A-USB31C-31C-xxx	New version										
<p>1. Old overmolding appearance and dimensions</p> 		<p>1. New overmolding appearance and dimensions</p> 											
<p>2. Overmold material</p> <table border="1" data-bbox="167 1444 534 1489"> <tr> <td>7</td> <td>Over Mold</td> <td>PVC 60P</td> <td>COLOR BLACK</td> </tr> </table>		7	Over Mold	PVC 60P	COLOR BLACK	<p>2. Overmold material</p> <table border="1" data-bbox="718 1444 1117 1489"> <tr> <td></td> <td>Over Mold</td> <td>PVC 45P</td> <td>COLOR BLACK ①</td> </tr> </table>			Over Mold	PVC 45P	COLOR BLACK ①		
7	Over Mold	PVC 60P	COLOR BLACK										
	Over Mold	PVC 45P	COLOR BLACK ①										
<p>3. Cable SPEC</p> <table border="1" data-bbox="159 1545 678 1590"> <tr> <td>1</td> <td>CABLE</td> <td>USB3.1 UL20276 30/32/24 ADB</td> <td>OD:5.2mm</td> <td>BLACK PVC JACKET</td> </tr> </table>		1	CABLE	USB3.1 UL20276 30/32/24 ADB	OD:5.2mm	BLACK PVC JACKET	<p>3. Cable SPEC</p> <table border="1" data-bbox="710 1545 1236 1590"> <tr> <td></td> <td>CABLE</td> <td>USB3.1 UL20276 30/32/24 ADB</td> <td>OD:5.0mm</td> <td>BLACK PVC JACKET ①</td> </tr> </table>			CABLE	USB3.1 UL20276 30/32/24 ADB	OD:5.0mm	BLACK PVC JACKET ①
1	CABLE	USB3.1 UL20276 30/32/24 ADB	OD:5.2mm	BLACK PVC JACKET									
	CABLE	USB3.1 UL20276 30/32/24 ADB	OD:5.0mm	BLACK PVC JACKET ①									
<p>4. Voltage</p> <p>NOTE:</p> <ol style="list-style-type: none"> CABLE ASSEMBLY MUST BE RoHS COMPLIANT. CABLE MUST BE OPEN,SHORT,MISWIRE 100% TEST. USB CABLE ELECTRIC TEST: A.VOLTAGE: 200V DC. B.CONTACT RESISTANCE: 5 Ohm Max. C.INSULATION RESISTANCE:2M Ohm Min. 		<p>4. Voltage</p> <p>NOTE:</p> <ol style="list-style-type: none"> CABLE ASSEMBLY MUST BE RoHS COMPLIANT. CABLE MUST BE OPEN,SHORT,MISWIRE 100% TEST. USB CABLE ELECTRIC TEST: ① A.VOLTAGE: 150V DC. B.CONTACT RESISTANCE: 5 Ohm Max. C.INSULATION RESISTANCE:2M Ohm Min. 											
<p>For detail, please take attached new drawing: ASS_7656_CAreV01 for reference</p>													

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NOTE:
 1.CABLE ASSEMBLY MUST BE RoHS COMPLIANT.
 2.CABLE MUST BE OPEN,SHORT,MISWIRE 100% TEST.
 3.USB CABLE ELECTRIC TEST:
 ① A.VOLTAGE: 150V DC.
 B.CONTACT RESISTANCE: 5 Ohm Max.
 C.INSULATION RESISTANCE:2M Ohm Min.

P1		WIRING DIAGRAM				P2	
USB C PLUG		WIRE				USB C PLUG	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	WIRE COLOR	PIN	SIGNAL NAME	
A1,B1, A12,B12	GND	1	GND_PWRrt1	SDP1+SDP2 SDP3,SDP4 DRAIN,CLEAR	A1,B1, A12,B12	GND	
A4,B4, A9,B9	VBUS	2	PWR_VBUS1	RED	A4,B4, A9,B9	VBUS	
A5	CC	3	CC	BLUE	A5	CC	
B5	VCONN	N/A			B5	VCONN	
A6	Dp1	4	UTP_Dp	WHITE	A6	Dp1	
A7	Dn1	5	UTP_Dn	GREEN	A7	Dn1	
A2	SSTXp1	6	SDPp1	ORANGE	B11	SSRXp1	
A3	SSTXn1	7	SDPn1	BROWN	B10	SSRXn1	
B11	SSRXp1	8	SDPp2	BLUE	A2	SSTXp1	
B10	SSRXn1	9	SDPn2	BLACK	A3	SSTXn1	
B2	SSTXp2	10	SDPp3	WHITE	A11	SSRXp2	
B3	SSTXn2	11	SDPn3	RED	A10	SSRXn2	
A11	SSRXp2	12	SDPp4	YELLOW	B2	SSTXp2	
A10	SSRXn2	13	SDPn4	GREEN	B3	SSTXn2	
A8	SBU1	14	SBU_A	RED	B8	SBU2	
B8	SBU2	15	SBU_B	BLACK	A8	SBU1	
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHELL	

①	Over Mold	PVC 45P COLOR BLACK	①
②	InnerMold	PE	
③	FOIL	COPPER FOIL	
④	TIN	TIN STICK,TIN WIRE	
⑤	PCBA	PCB (W/CAPACITOR)	
⑥	CONN P1,P2	USB C PLUG, BLACK INSULATOR,CONTACT PLATING: Pd-Ni 30u"+Gold 2u" SHELL PLATED NICKEL,(W/TIN PLATE)	
⑦	CABLE	USB3.1 UL20276 30/32/24 ADB OD:5.0mm,BLACK PVC JACKET	①
NO.	TITLE	DESCRIPTION	

RoHS compliant
Unit: mm

Scale	FREE					
TOLERANCE						
.X.	±1					
.X	±0.5					
.XX	±0.25					
DIM	TOL					
		①	Update overmolding and cable spec.	01.11.2019	Carson	
		②	Drawn	08.06.2016	Joanna	
Angle	TOL	Id.	Modification	Date	Name	



Date	Name	Customer-No.
08.06.2016	Joanna	
Approved	01.11.2019	Carson
		ASSMANN WSW-No. A-USB31C-31C-XXX
		Drawing-No.
		ASS 7656 CA
		rev01
		Replace
		Sheet