



PRODUCT CHANGE NOTIFICATION (PCN)

ISSUE DATE: 21.06.2022
MODIFICATION / REVISION DATE: 21.06.2022

AUSB1-DFN-PTR3 USB TYPE C

CHANGE NOTIFICATION:	PCN 20220621_AUSB1DFNPTR3
DESCRIPTION OF CHANGES:	PRODUCT EOL - OBSOLETE CHANGE OF ORGANISATION STRUCTURE Follow up article A-USBC-32F1-EA-HRR10 New Draw.-No. ASS_9330_COrev00
REASON FOR CHANGE:	CHANGE OF KEY PRODUCT DESIGN PARAMETERS CHANGE OF KEY FUNCTIONS OF THE PRODUCT
KEY CHARACTERISTICS OF CHANGE:	Details see page 3
PRODUCTS AFFECTED:	AUSB1-DFN-PTR3 USB TYPE C / Female /24pin
DATE OF CHANGE AND IMPLEMENTATION:	CHANGE: 26/2022 IMPLEMENTATION: 21.06.2022
RESPONSE:	NO RESPONSE TO THIS NOTIFICATION IS REQUIRED

PCN REVISION HISTORY:

DATE OF REVISION: 21.06.2022

REVISION NUMBER: 00

page 1/



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REFERENCE DOCUMENTS / ATTACHMENTS:
DOCUMENT: DRAWING

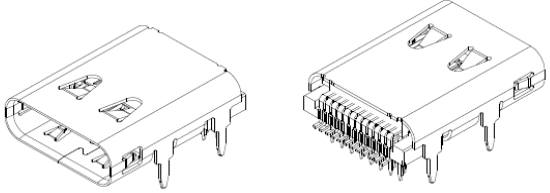
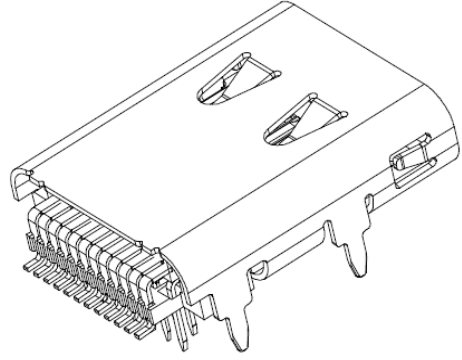
ASSMANN WSW P/N	Drawing Number		ASSMANN WSW P/N	Drawing Number
AUSB1-DFN-PTR3	ASS_7048_CO rev06	↔	A-USBC-32F1-EA-HRR10	ASS_9330_CO rev00



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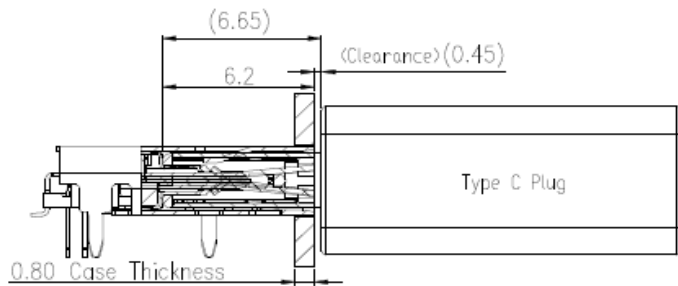
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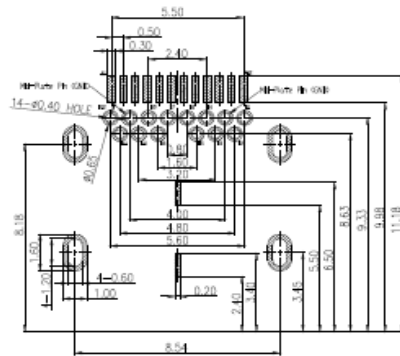
4/AUSB1-DFN-EG-xSR1/A-U:	OLD VERSION	A-USBC-32F1-EA-HRR10	NEW VERSION
<p>AUSB1-DFN-PTR3</p> 		<p>FOR DETAIL, PLEASE TAKE ATTACHED NEW DRAWING: FOR REFERENCE</p>	

	1	2	3	4	5	6	7			
A						<p>SPECIFICATION</p> <p>MATERIAL</p> <p>Insulator: Thermoplastic,Black</p> <p>Contacts: BRASS</p> <p>Shell: Stainless Steel</p> <p>CONTACT PLATING</p> <p>Underplate: 40u"~80u" Nickel</p> <p>Contact area: 30u"Pd-Ni+2u" Selective gold,</p> <p>Solder tails area: 100u"~200u" Tin (Lead Free)</p> <p>ELECTRICAL</p> <p>Operation voltage: 20 V</p> <p>Current rating: 5 Amps max.</p> <p>Insulation resistance: 100 Mohms min @ 100 VDC</p> <p>Dielectric withstanding voltage: 100 VAC / minute</p> <p>Temperature range: -40°C TO +105°C</p> <p>Mating cycles: 10,000 insertions</p>				
B										
C										
D										
E										
F										
G	<p>RoHS compliant</p> <p>Unit: mm</p>		Scale	Free			Date	Name	Description: USB Connector	
TOLERANCE						Drawn	18.03.2022	Luca	USB3.2 GEN1 TYPE C / FEMALE / 90°	
			X.X	±0.38						
			X.XX	±0.25		Approved	18.03.2022	Luca	ASSMANN WSW-No.	
			X.XXX	±0.15					A-USBC-32F1-EA-HRR10	
H			DIM	TOL					Drawing-No.	
			X°	±2°					ASS 9330 CO	
			①	Drawn	18.03.2022	Luca			Customer-No.	Sheet 1/3
			Id.	Modification	Date	Name				
	1	2	3	4	5	6	7	SV5151		

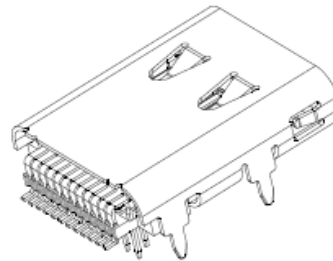
A
B
C
D
E
F
G
H



PLUG FULLY SEATED IN RECEPTACLE



Recommended PCB LAYOUT TOLERANCES:
 PCB Thickness = 20 For 200 Solder ball
 30 For 200 Solder ball

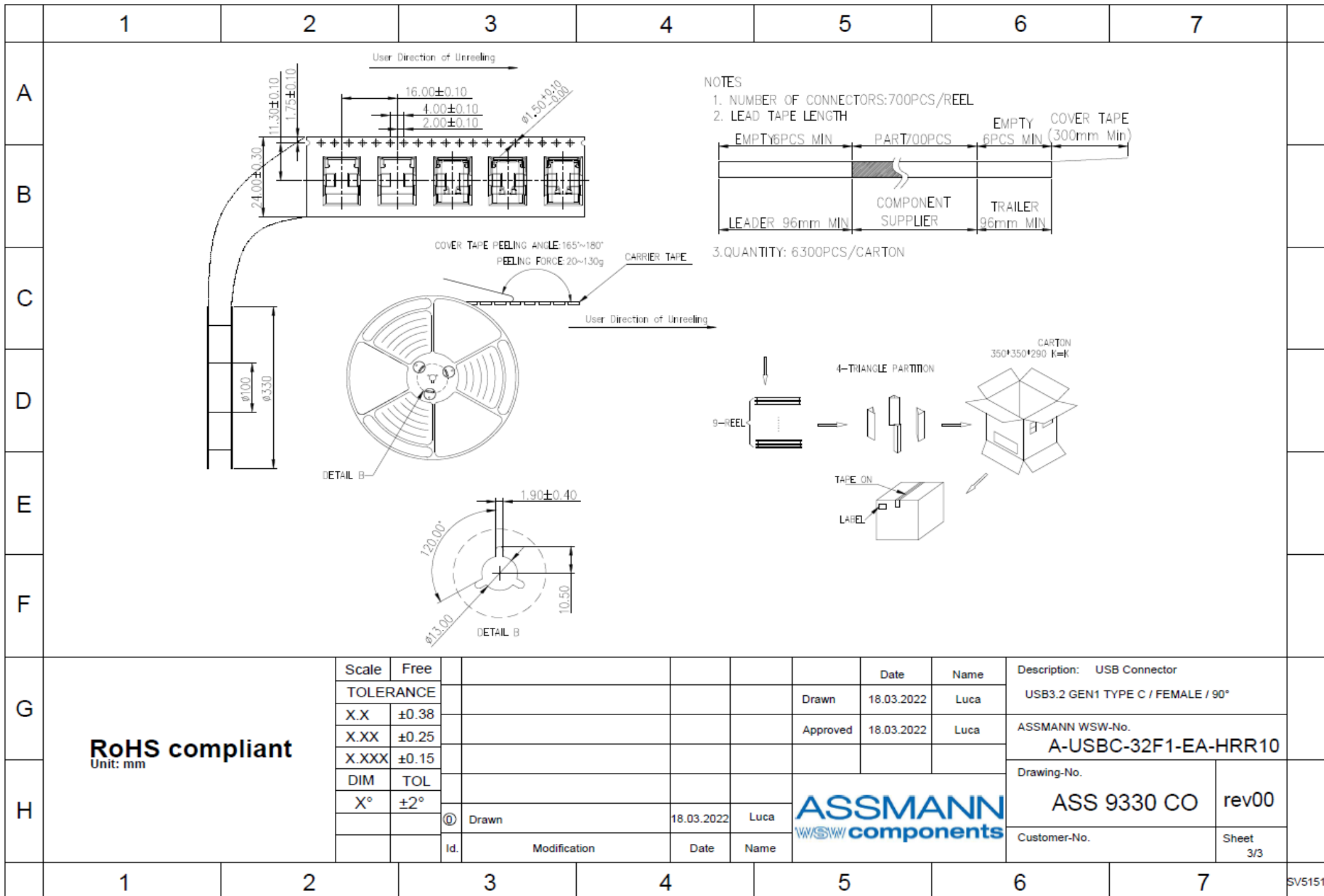


USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuraaion Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

RoHS compliant
 Unit: mm

Scale	Free					Date	Name	Description: USB Connector	
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X.XX	±0.25							A-USBC-32F1-EA-HRR10	
X.XXX	±0.15							Drawing-No.	
DIM	TOL							ASS 9330 CO rev00	
X°	±2°							Customer-No.	
		①	Drawn	18.03.2022	Luca			Sheet 2/3	
		Id.	Modification	Date	Name				



G	RoHS compliant Unit: mm	Scale	Free					Date	Name	Description: USB Connector	
		TOLERANCE						Drawn	18.03.2022	Luca	USB3.2 GEN1 TYPE C / FEMALE / 90°
		X.X	± 0.38					Approved	18.03.2022	Luca	ASSMANN WSW-No.
		X.XXX	± 0.15								A-USBC-32F1-EA-HRR10
H		DIM	TOL							Drawing-No.	
		X°	$\pm 2^\circ$							ASS 9330 CO	rev00
		①	Drawn	18.03.2022	Luca	ASSMANN WSW components	Customer-No.	Sheet			
Id.	Modification	Date	Name	3/3							