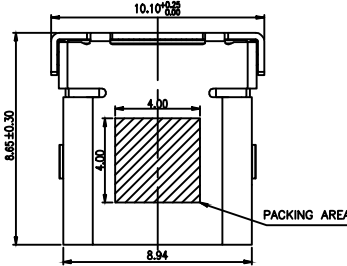
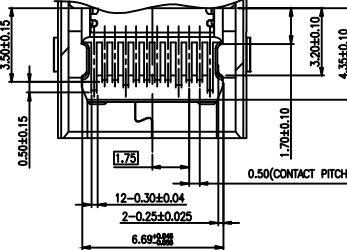
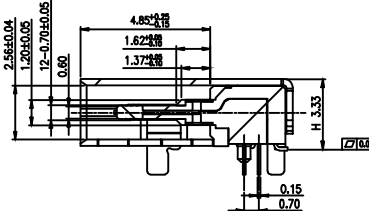
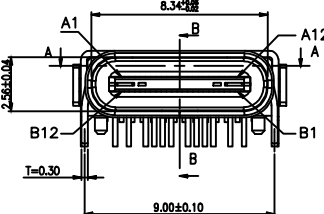
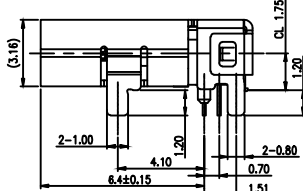
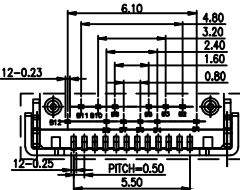
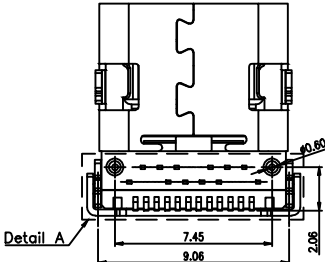
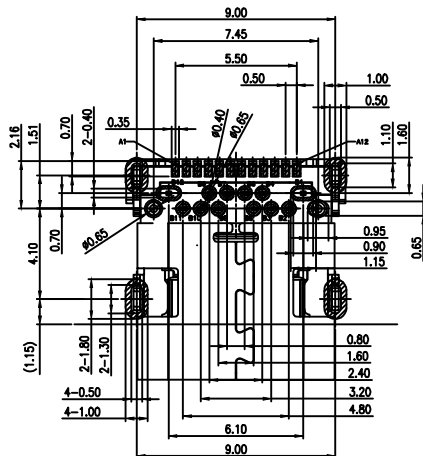


	1	2	3	4	5	6	7				
A	  SECTION B-B  SECTION A-A NOTES: 1.MATERIAL: MOLDING: LCP UL94 V-0 CONTACT: COPPER ALLOY. Au1u" PLATED ON CANTACT AREA, G/F. PLATED ON SOLDER AREA, 30u" NICKEL PLATING OVER ALL. SHELL: SUS304-H,T=0.30±0.03mm 50u" NICKEL PLATING OVER ALL. EMI SHILD: SUS304-H,T=0.12±0.03mm LATCH: SUS301-H,T=0.15±0.03mm 2.MECHANICAL: INSERTION: 5~20N. EXTRACTION: 8~20N. DURABILITY: 10000 CYCLES 3.ELECTRICAL: CURRENT: 5A MIN FOR VBUS; 0.25A MIN FOR OTHER. VOLTAGE: 5VAC MAX WITHSTANDING VOLTAGE: 100V AC. CONTACT RESISTANCE: 40mΩ MAX. INSULATION RESISTANCE: 100MΩ MIN. 4.ENVIRONMENTAL TEMPERATURE RANGE: -30°C TO +80°C										
B											
C	   Detail A  Detail A										
D											
E											
F											
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.XX			±0.25								A-USBC-32F1-EA-GRR01
X.XXX			±0.15								
H			DIM	TOL						Drawing-No.	
			X°	±2°						ASS 9272 CO	rev00
			①	Drawn		18.03.2022	Luca	ASSMANN WSW components		Customer-No.	Sheet
			Id.	Modification		Date	Name				1/3
	1	2	3	4	5	6	7				

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. A-USBC-32F1-EA-GRR01		
X.XX	±0.25									
X.XXX	±0.15									
DIM	TOL							Drawing-No.		
X°	±2°							ASS 9272 CO		rev00
		①	Drawn	18.03.2022				Luca		
		Id.	Modification	Date	Name	Customer-No.			Sheet 1/3	

	1	2	3	4	5	6	7																																																																														
A	 RECOMMEND P.C.B LAYOUT (COMPONENT SIDE) TOLERANCE FOR PCB LAYOUT IS ± 0.05 KEEP OUT AREA 																																																																																				
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C																																																																																					
D																																																																																					
E																																																																																					
F																																																																																					
	USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS <table><tr><th>PIN</th><th>Signal Name</th><th>Description</th><th>PIN</th><th>Signal Name</th><th>Description</th></tr><tr><td>A1</td><td>GND</td><td>Ground return</td><td>B12</td><td>GND</td><td>Ground return</td></tr><tr><td>A2</td><td>SSTXp1</td><td>Positive half of first SuperSpeed TX differential pair</td><td>B11</td><td>SSRXp1</td><td>Positive half of first SuperSpeed RX differential pair</td></tr><tr><td>A3</td><td>SSTXn1</td><td>Negative half of first SuperSpeed TX differential pair</td><td>B10</td><td>SSRXn1</td><td>Negative half of first SuperSpeed RX differential pair</td></tr><tr><td>A4</td><td>VBUS</td><td>Bus Power</td><td>B9</td><td>VBUS</td><td>Bus Power</td></tr><tr><td>A5</td><td>CC1</td><td>Configuration Channel</td><td>B8</td><td>SBU2</td><td>Sideband Use (SBU)</td></tr><tr><td>A6</td><td>Dp1</td><td>Positive half of the USB 2.0 differential pair—Position 1</td><td>B7</td><td>Dn2</td><td>Negative half of the USB 2.0 differential pair—Position 2</td></tr><tr><td>A7</td><td>Dn1</td><td>Negative half of the USB 2.0 differential pair—Position 1</td><td>B6</td><td>Dp2</td><td>Positive half of the USB 2.0 differential pair—Position 2</td></tr><tr><td>A8</td><td>SBU1</td><td>Sideband Use(SBU)</td><td>B5</td><td>CC2</td><td>Configuraaion Channel</td></tr><tr><td>A9</td><td>VBUS</td><td>Bus Power</td><td>B4</td><td>VBUS</td><td>Bus Power</td></tr><tr><td>A10</td><td>SSRXn2</td><td>Negative half of second SuperSpeed RX differential pair</td><td>B3</td><td>SSTXn2</td><td>Negative half of second SuperSpeed TX differential pair</td></tr><tr><td>A11</td><td>SSRXp2</td><td>Positive half of second SuperSpeed RX differential pair</td><td>B2</td><td>SSTXp2</td><td>Positive half of second SuperSpeed TX differential pair</td></tr><tr><td>A12</td><td>GND</td><td>Ground return</td><td>B1</td><td>GND</td><td>Ground return</td></tr></table>							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
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	1	2	3	4	5	6	7	SV5151																																																																													

A

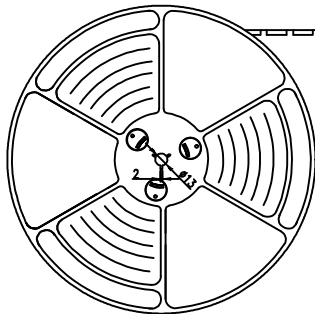
B

C

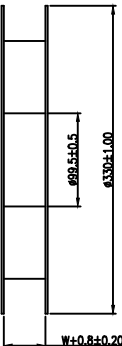
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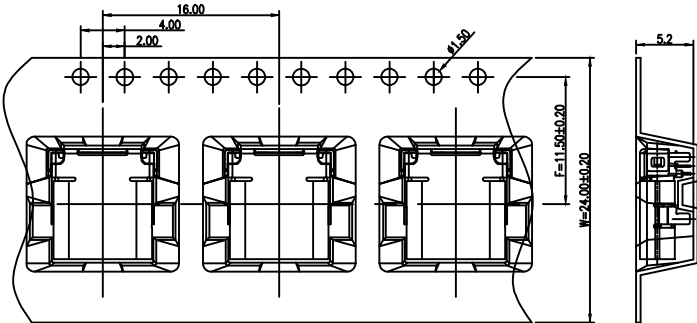
E

F



PULL OUT DIRECTION

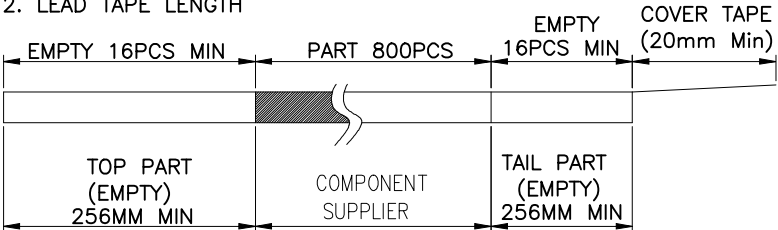




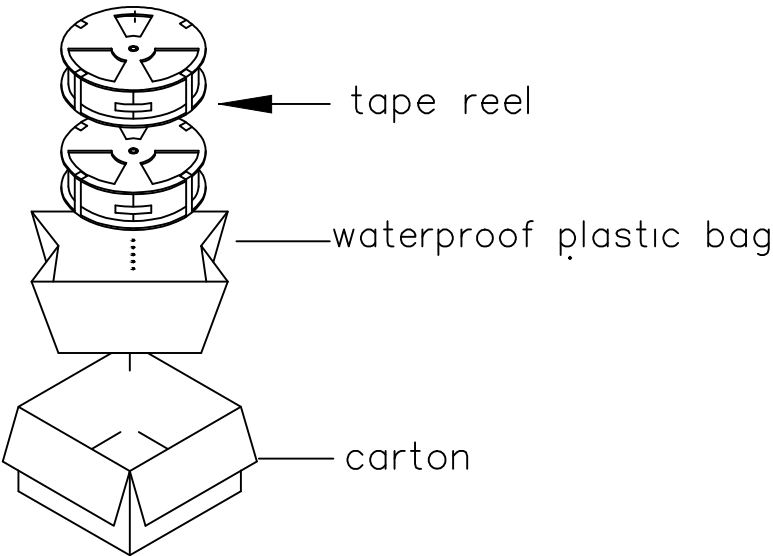
NOTES

1. NUMBER OF CONNECTORS: 800PCS/REEL

2. LEAD TAPE LENGTH



3. QUANTITY: 8000PCS/CARTON



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.				
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H		DIM	TOL							ASS 9272 CO		rev00		
		X°	±2°											
				①	Drawn	18.03.2022				Luca	Customer-No.			Sheet 3/3
				Id.	Modification	Date				Name				