



A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	V _{BUS}	SBU1	DN1	DP1	CC	V _{BUS}	TX1-	TX1+	GND
GND	TX2+	TX2-	V _{BUS}	V _{CONN}	DP2	DN2	SBU2	V _{BUS}	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

Notes:

- Material:**
 Contacts: Copper alloy T=0.15
 Insulator: HIGH TEMPERATURE PLASTIC UL 94V-0, Black
 Shell: STEEL T=0.15
- Electrical:**
 Current rating: 5A Max For V_{bus}/GND PIN;
 0.9A Max For Other PIN.
 Withstanding Voltage: 100V AC R.M.S
 Contact Resistance: 40mΩ Max. for Initial 10mΩ.
 Change After Test. Measure AT 20mV,100mA
 Insulation Resistance: 100 mΩ min.
- MECHANICAL CHARACTERISTICS:**
 Mating force: 5-20N
 Unmated Force: 6-20N After test.
 Durability: 10000 cycles min.
- Plating:**
 Contacts: SEE ORDER CODE Au plated on contact area,
 Bright Tin plating 80-100u"Min on solder area
 Nickel Under plating 20u"Min over all
 Plating 20-50u"Nickel over Cu
 Shell: Plating 20-50u"Nickel over Cu
- Environmental**
 Temperature Range: -55°C~+85°C
- Packing:** Tape & Reel

⑤ ORDER CODE:

A-USB1-DMN-xSR1
 G= Gold Flash
 P= 15u" Au
 H= 30u" Au

RoHS compliant
 Unit: mm

Scale	Free	⑥	Update dimension 13.75 to 13.25	10.04.2021	Luca		Date	Name	Description: USB type C Type C / Male / 90° / 24Pin
TOLERANCE		⑤	Update	21.02.2021	Luca	Drawn	16.02.2016	Winnie	
X.X	±0.38	④	Update	14.11.2019	Carson	Approved	10.04.2021	Luca	
X.XX	±0.25	③	Add the dimension of PCB Layout	18.04.2018	Winnie				ASSMANN WSW-No. ⑤ A-USB1-DMN-xSR1
X.XXX	±0.10	②	1.Add the Mechanical,Electrical and operating temperature 2.Change shell material thickness from 0.20 to be 0.15 3.Change shield contact material thickness from 0.1 to 0.4	16.06.2017	Fred				
DIM	TOL	①	Update the P/N&Packing	02.08.2016	Winnie				ASSMANN
X.X°	±3.0°	Id.	Modification	Date	Name	WSW	Customer-No.	Sheet	
Angle	TOL								

⑤ A-USB1-DMN-xSR1	
Drawing-No.	ASS 7130 CO
Customer-No.	rev06
Sheet	