



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 Vbus/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
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

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

G	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		
H		X.X	±0.38	④	Update	14.11.2019	Carson	Approved	10.04.2021	Luca	ASSMANN WSW-No. ⑤ A-USB1-DMN-xSR1	
		X.XX	±0.25	③	Add the dimension of PCB Layout	18.04.2018	Winnie				Drawing-No.	
		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	ASSMANN components			ASS 7130 CO	rev06
		DIM	TOL	①	Update the P/N&Packing	02.08.2016	Winnie			Customer-No.	Sheet	
		X.X°	±3.0°	Id.	Modification	Date	Name					
Angle	TOL											