

RRJ_USB3_AA_633

30.10.2025

USB3.0 jack A/jack A (twisted data line)



General Data

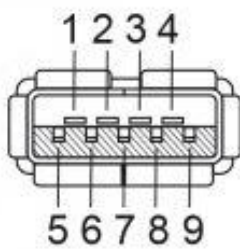
Type reference:	RRJ_USB3_AA_633
Description:	USB 3.0 jack (twisted pair cable)
Connection type:	USB 3.0 jack, front: type A / 9 poles USB 3.0 jack, rear: type A / 9 poles
Contact material:	phosphor bronze, gold-plated 0.05 µm
Max. storage temperature:	-25°C ... 80°C
Max. operating temperature:	-20°C ... 60°C
Mechanical life:	5,000 mating cycles
Mounting aperture:	22.3 mm
Colour:	silver-coloured
Panel thickness:	1.5...5.0 mm
Tightening torque (mounting nut):	max. 1.5 Nm

Technical data

Operational voltage:	5 V DC, +/- 10%
Contact resistance:	max. 50 mOhm
Maximum current:	pin 1 & pin 4: 800 mA all other pins: 250 mA

Note

Attention: pin assignment for pin 5, 8 and 6, 9 is reversed
see connecting example on page 2



USB 3.0 jack in the front

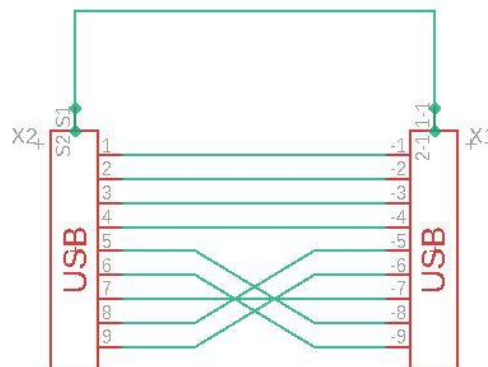
Pin	Signal name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND Drain
8	StdA_SSTX-
9	StdA_SSTX+

USB 3.0 jack on the rear

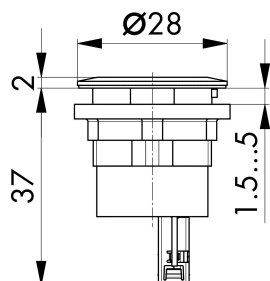
Pin	Signal name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSTX-
6	StdA_SSTX+
7	GND Drain
8	StdA_SSRX-
9	StdA_SSRX+

Screen

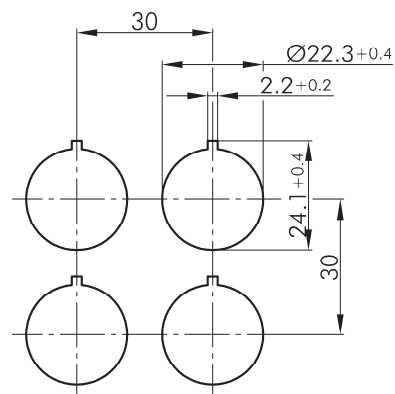
Screen



Dimensional drawing



Drilling pattern



Connection Examples:

