

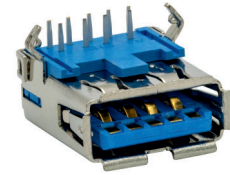
3812 Series

USB 3.0 A-Type Socket

General specifications

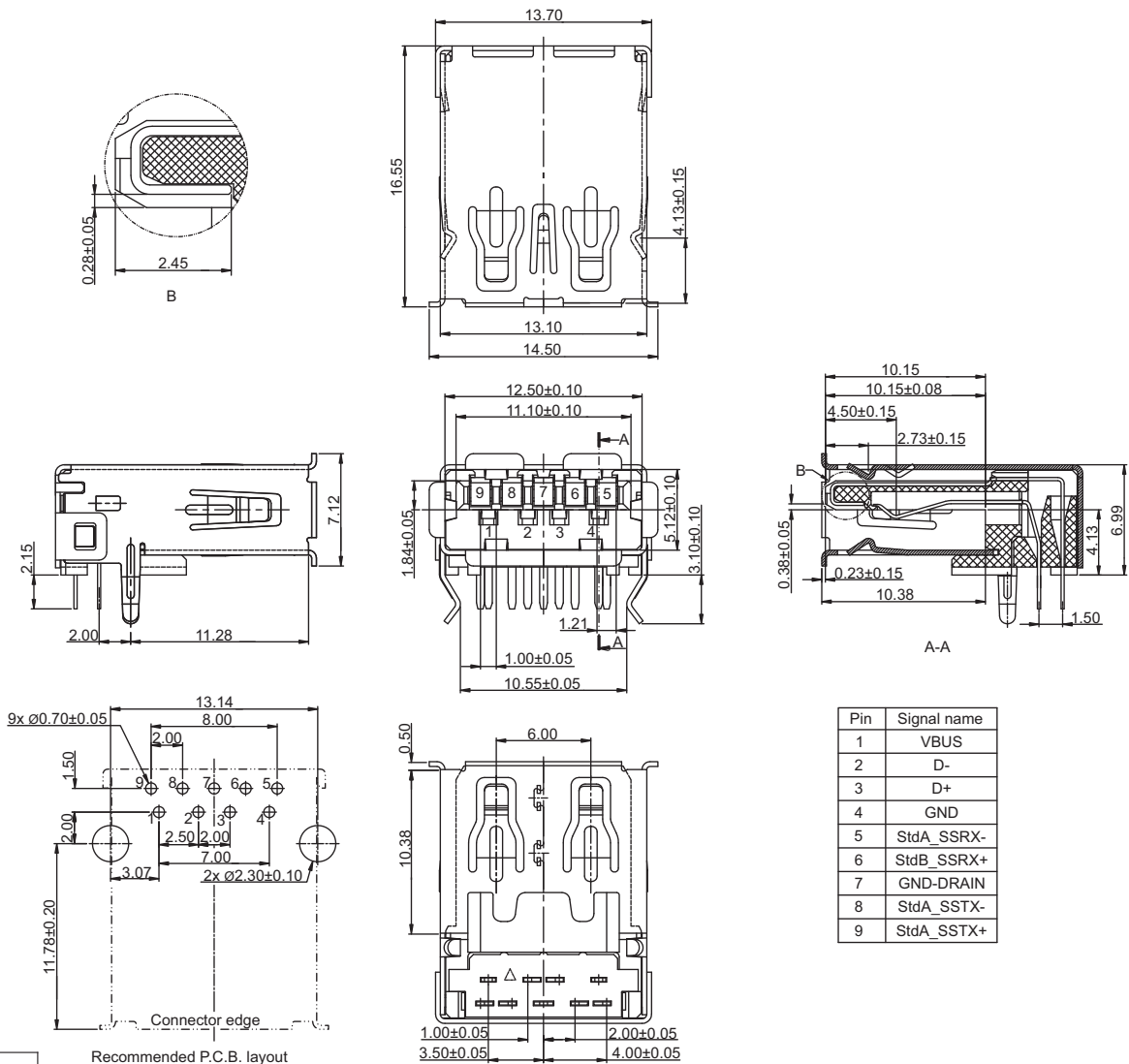
Insulator material	PBT, UL94V-0
Contact material	Copper alloy, plating: gold over nickel
Shell material	Brass, plating: nickel
Current rating	1.8 A at #1 and #4, 0.25 A at all other pin
Contact resistance	30 mΩ max.
Insulator resistance	100 MΩ min.
Dielectrical withstanding	100 VAC for 1 min
Operating temperature	-55 °C to +85 °C
Durability	5000 cycles
Soldering	Lead free wave soldering process

Mating parts series



Mechanical dimensions

Unit: mm



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

Tolerances	
Linear	X ± 0.30
	.XX ± 0.20

Recommended P.C.B. layout top view

Part numbering guide

3812 R	J	BU	Y
Series R = THT right angle	Contact plating J = 30 μ" gold	Color BU = Blue	Packing Y = Tray

* standard

