

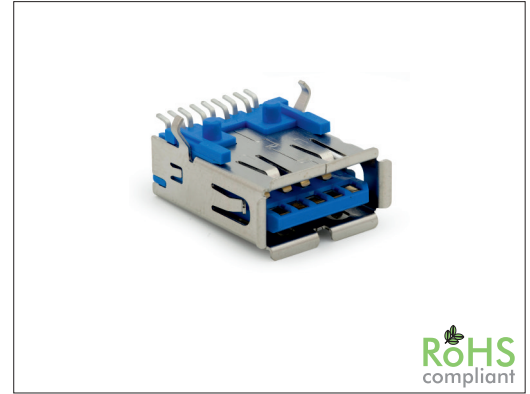
3810 Series

USB 3.0 SMT A-Type Socket

General specifications

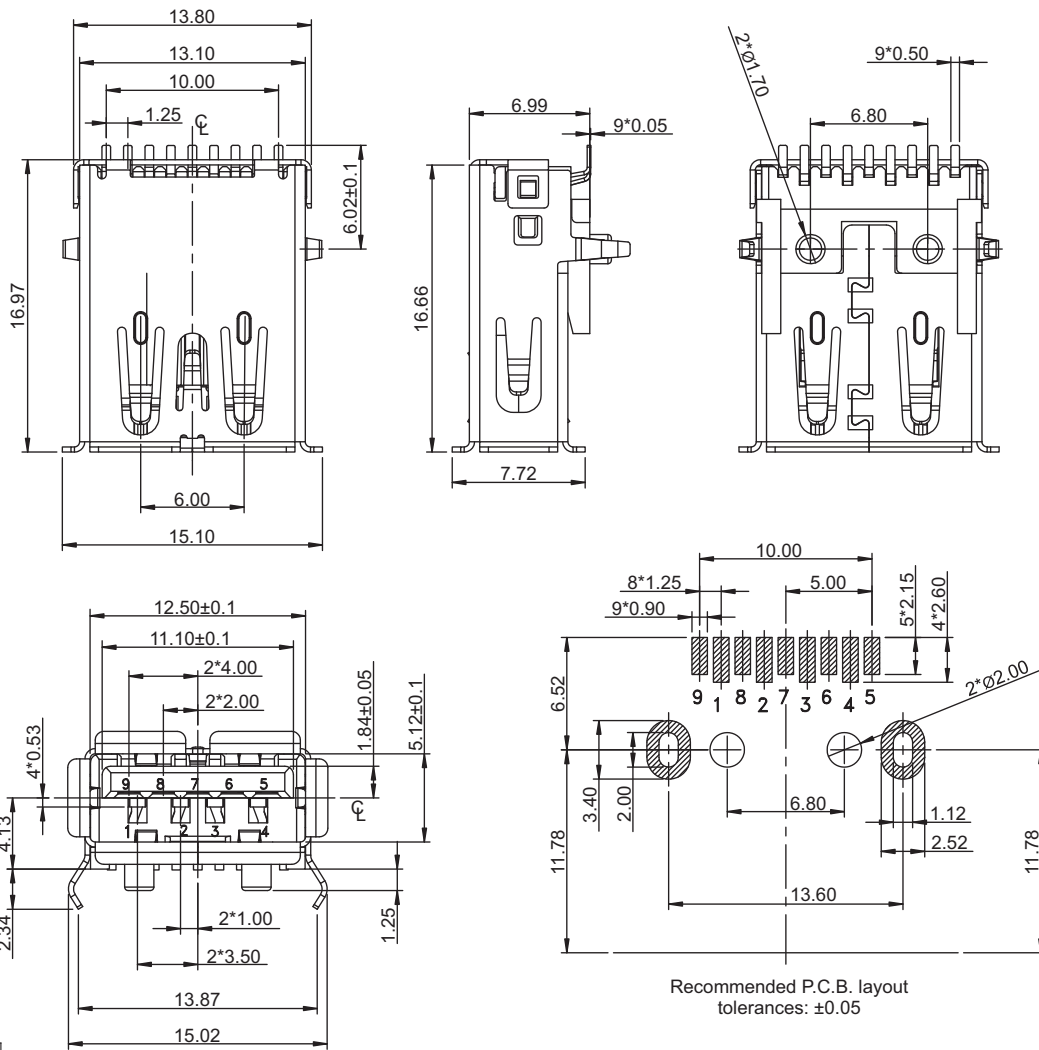
Insulator material	Thermoplastic, UL94HB
Contact material	Copper alloy, plating: gold over Pd-Ni
Shell material	SPCC
Current rating	1.8 A at Vbus and Gnd, 0.25 A at all other pin
Contact resistance	30 mΩ max. at Vbus and Gnd, 50 mΩ max. at all other pin
Insulator resistance	100 MΩ min.
Dielectrical withstanding	100 VAC for 1 min
Operating temperature	-20 °C to +85 °C
Durability	5000 cycles
Soldering	JEDEC lead free reflow soldering process

Mating parts series



Mechanical dimensions

Unit: mm



Tolerances		
Linear	X	± 0.30
	.XX	± 0.20

Part numbering guide

3810 H	B	BU	R
Series H = SMT horizontal	Contact plating B = Flashgold	Color BU = Blue	Packing R = Reel

* standard

