

General specifications

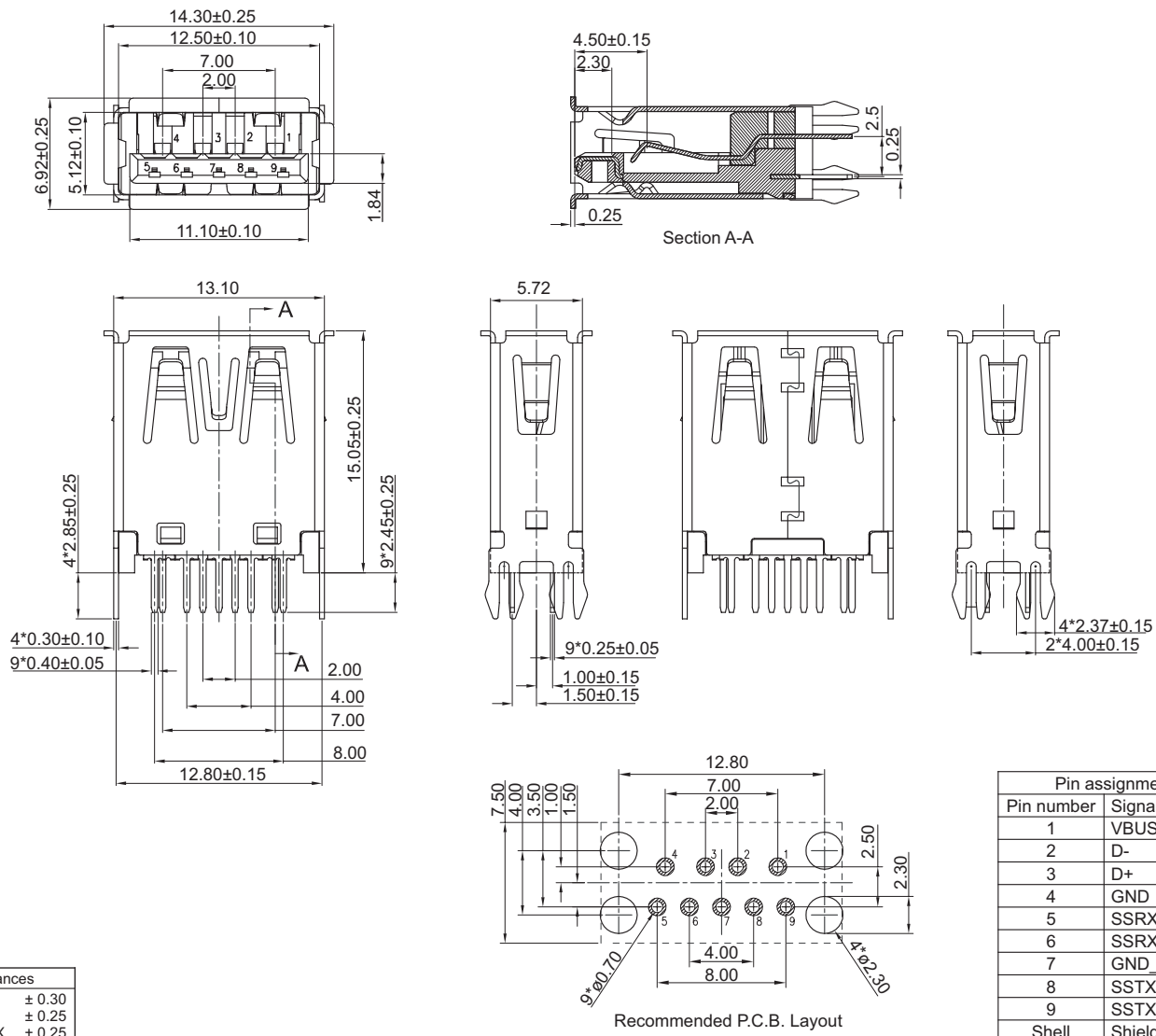
| | |
|---------------------------|---|
| Insulator material | LCP, UL94V-0, color blue |
| Contact material | Copper alloy, plating: gold over nickel |
| Current rating | 1.8 A @ VBUS, GND, 0.25 A @ other pins |
| Voltage rating | 30 V max. |
| Contact resistance | 30 mΩ max. @ VBUS, GND, 50 mΩ max. @ other pins |
| Insulator resistance | 100 MΩ min. |
| Dielectrical withstanding | 100 VAC for 1 min |
| Operating temperature | -40 °C to +85 °C |
| Durability | cycles min. |
| Soldering | JEDEC lead free pin in paste reflow soldering process |

Mating parts series



Mechanical dimensions

Unit: mm



| Tolerances | | |
|------------|-----|--------|
| Linear | X. | ± 0.30 |
| | .X | ± 0.25 |
| | .XX | ± 0.25 |

Part numbering guide

| | | | |
|----------------------------|--|---------------------|---------------------|
| 3825 S | B | BU | Y |
| Series S = THT straight | Contact plating B = selective gold* D = 5 μ" gold F = 15 μ" gold* J = 30 μ" gold | Color BU = Blue* | Packing Y = Tray |

* standard

