

**USB 3.0 Type A. Right Angle, Receptacle, Through Hole, Standard Type**

**Features & Benefits**

- Fully compliant with USB2.0 & 3.0 specification.
- Provides the interface for Super Speed up to 5 Gbps data rate.
- 5 metal friction lock grounding fingers and Polarization plastic design ensure plug retention.
- Rugged Gold-plated leaf contact withstand up to 5000 cycles.
- High temperature plastic for SMT process and Halogen Free solution.
- Two Fork Lock hold-down ensure mounting Force.
- Full metal shielding for EMI / RFI / ESD protection.

**Mechanical**

Insertion Force: 35.0N max.  
 Extraction Force: 8.0N min.  
 Standard Durability class: 1500 cycles min.  
 High Durability class: 5000 cycles min.

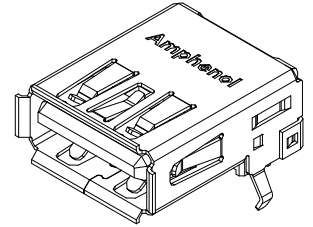
**Physical**

- Material:  
 Housing: 94V-0 high temperature thermoplastic, with 30% GF, Blue color (Pantone 300C).  
 Spacer: 94V-0 high temperature thermoplastic, with 30% GF, Blue color (Pantone 300C).  
 Terminal: Phosphor Bronze.  
 Shell: Copper Alloy.

**Electrical**

Voltage: 30.0 VA  
 Current: Pin 1 & Pin 4 -- 1.8A.  
 Other Pins -- 0.25A min.  
 Contact Resistance: Pin 1 & Pin 4 -- 30mΩ Max.  
 Other Pins -- 50mΩ Max.  
 Dielectric Withstanding Voltage: 100 VAC  
 Insulation Resistance: 100MΩ min.  
 Impedance: 90Ω +/-15 Ω@ 50 ps rise time (20%~80%).

**GSB311131HR**



Part No	Plating	Packaging	Circuit No.
<b>GSB311111HR</b>	<b>Gold Flash</b>	<b>Tray</b>	<b>9</b>
<b>GSB311131HR</b>	<b>30 μ" Gold</b>		

**Dimension / P.C Board Layout**

**Design in: mm**

