

USB 3.0 Type B. 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.
- 2 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 Board Lock hold-down ensure mounting Force.
- Full metal shielding for EMI / RFI / ESD protection.

Mechanical

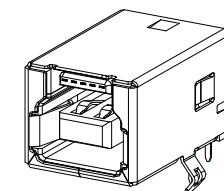
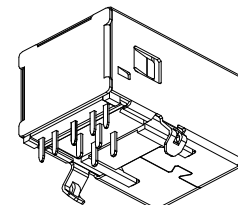
Insertion Force: 35.0N max.
Extraction Force: 8.0N min.
Standard Durability class: 1500 cycles min.
High Durability class: 5000 cycles min.

Physical

- **Material:**
 - Housing:** 94V-0 High Temperature Thermoplastic, with Glass Filled, Blue color (Pantone 300C).
 - Spacer:** 94V-0 High Temperature Thermoplastic, with Glass Filled Black color.
 - 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%).



Part No	Plating	Packaging	Circuit No.
GSB321111HR	Gold Flash	Tray	9
GSB321131HR	30 μ" Gold		

Dimension / P.C Board Layout

Design in: mm

