



# Product Specification

Part No.: USB-A-DG01R

## Material and Finish:

1. Insulator Material: Nylon-9T, UL94V-0, Color: Blue

2. Contact A Material: Brass

3. Contact B Material: Phosphor Bronze

4. Contact Plated:

Contact Area Plated: 30u" Gold Plated

Solder tails Area Plated: 100u" Tin Plated

Underplate: 80u" Nickel Plated

5. Shell Material: Brass

6. Shell Plated: 80u" Nickel Plated

7. Rear Shell Material: SPCC

8. Rear Shell Plated: Nickel Plated

9. ELECTRICAL REQUIREMENTS:

CONTACT RESISTANCE: 30mOhms max. initial for VBUS and GND contact  
50mOhms max. initial for all other contacts

DIELECTRIC STRENGTH: 750Volts AC(RMS)

INSULATION RESISTANCE: 100 MOhms minimum.

CONTACT CURRENT RATING: 1.8A max. (PIN1, PIN4) all Other contacts 0.25A min.

10. MECHANICAL REQUIREMENTS:

INSERTION FORCE: 35N max.

EXTRACTION FORCE: 10N min. initial, 8N

after the specified insertion/extraction or durability cycles.