



No	Part Name	Material	Final
1	Housing	Nylon-9T,Color: Blue	
2	1~9 Pin Contact	Phosphor Bronze,t=0.25	
3	Shell	Brass	Nickel Plated

Material and Finish:

- 1.Insulator Material: Nylon-9T,UL94V-0,Color:Blue
- 2.Contact Material: Phosphor Bronze
- 3.Contact Plated:
Contact Aear Plated: Gold Flash Over 30u" Pd-Ni
Solder Aear Plated: 100~200u" Tin Plated
Underplated: 50~100u" Nickel Plated
- 4.Shell Material: Brass
- 5.Shell Plated: Nickel Plated
- 6.Current Rating: 1.8 Amps Max.
- 7.Voltage Rating: 250V AC.
- 8.Contact Resistance: 30M ohm Max.
- 9.Insulation Resistance: 100M ohms Min.
- 10.Dielectric Withstanding Voltage: 100V AC/minute
- 11.Operating Temperature: -20°C to +85°C

Pin Assignments	
Pin No.	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

Description	
USB3.0 A Receptacle, Middle Board Mount DIP type ,Gold Flash Over 30u" Pd-Ni	
UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±5°
0.	±0.3
.0	±0.25
.00	±0.20
SCALE: AS SHOWN	UNIT: mm
DRAWN Willis	2010/03/29
CHECKED Angel	2010/03/29
APPROVED Ken	2010/03/29
	
DRAWN NAME: USB 3.0 A Receptacle Middle Board Mount DIP Type	
PRODUCT NO. USB-A-DG02R	
FILE NAME:	

REV.	DESCRIPTION	DATE	SIZE	REV.
1			A4	