



No	Part Name	Material	Final
1	Housing	Nylon-9T,Color: Blue	
2	1~4 Pin Contact	Phosphor Bronze,t=0.25	
3	5~9 Pin Contact	Brass,t=0.25	
4	Shell	Brass	Nickel Plated
5	Pear Shell	SPCC	Nickel Plated

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 minimun.

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.

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, DIP Standard Type ,30u" Gold Plating

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

DATE

SIZE A4



DRAWN NAME:
USB 3.0 A Receptacle DIP Standard Type

PRODUCT NO. USB-A-DG01R

FILE NAME:

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
1			A4		