



- 1. Material:**  
 Contacts: PHOSPHOR BRONZE 0.2t  
 Insulator/PLUG: PA9T+45% G.F. UL 94V-0, BLUE  
 Shell: SUS301-1/4H 0.25t  
 Spring: SUS301-1/4H 0.25t
- 2. Mechanical:**  
 Mating: 35N max.  
 Withdrawal Force: 10N min, 5000 cycles 8N Min  
 Durability: 5000 cycles Min
- 3. Electrical:**  
 Current-max[amps]: 1.8A (PIN1, 4), OTHER CONTACTS 0.25A  
 Voltage-max[volts]: 30V  
 Withstanding Voltage: 100V AC  
 Contact Resistance [ohms]: 30mΩ (PIN1, 4), OTHER CONTACTS 50mΩ  
 Insulation Resistance [ohms]: 100 Megohms min
- 4. Plating:**  
 Contacts: Gold Flash Plated on contact area,  
 Tin Plated on solder area,  
 Ni Plated overall  
 SHELL: Nickel overall All Plating
- 5. Environmental**  
 Temperature Range: -55° C ~ +85° C

Pin Number	Signal Name	Pin Number	Signal Name
1/10	VBUS	5/14	SSRX-
2/11	D-	6/15	SSRX+
3/12	D+	7/16	GND
4/13	GND	8/17	SSTX-
Shell	Shield	9/18	SSTX+

**ORDER INFORMATION**

SERIES NO. **U30DD** - **A** - **R** - **R** - **XX** - **X** - **D** - **9** - **W** - 67

USB 3.0 A TYPE P: Plug R: Receptacle R: Right Angle G1: Gold Flash G5: 30u" G6: 3u"  
 Contact Plated Packing Shell Plated Shell Leg Housing Color  
 2: T&R 3: Tray Stainless D: Nickel 9: 4 Kick W: Blue PA9T

**RoHS Compliant**

REV.	REVISION RECORD	DATE	General Tolerance			
A	Original	09/01/17"	LINEAR	0.0 ±0.35 0.00 ±0.20		ANGLE ±3°
			UNIT:mm		TITLE: USB 3.0 A Female DIP Right Angle Dual Layers DWG.NO: U30DDARRXXXD9W-67 REV. A SCALE 1 : 1 SHEET 1 OF 1	
			A4	NAME		DATE
			APPROVED	SUNNY		
			CHECKED	TED		
			DESIGNER	SNNATEN		