

RoHS COMPLIANT

SPECIFICATIONS:

1.0 Electrical Performance:

1.1 Contact current Rating:

1.80 Amperes for VBUS and GND contacts

0.25 Amperes for all other contacts

1.2 Dielectric Withstanding Voltage:AC 100V/minute

1.3 Insulation resistance:100M ohms Min

1.4 Contact Resistance:

30m ohm Max for VBUS and GND contacts

50m ohm Max for all other contacts

2.0 Mechanical Performance:

2.1 Mating Force:35N Max

2.2 Unmating Force:10N Min;8N Min After Durability.

2.3 Durability:1500 cycles

3.0 Environmental Performance:

3.1 Temperature Range:

Operating Temperature:-55°C to+85°C

4.0 Material:

4.1 Housing:High Temp. Plastic,UL94 V-0

4.2 Contact:2.0 Contacts C5191 and

3.0 Contacts C2680

4.3 Shell:Brass

5.0 PLATING:

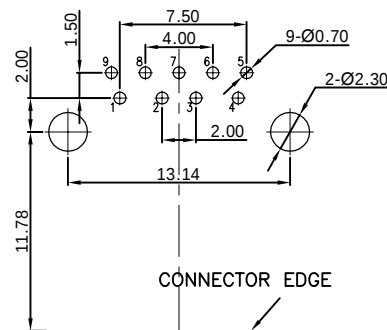
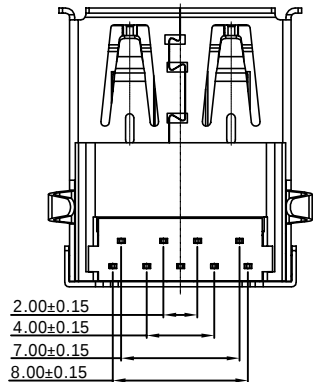
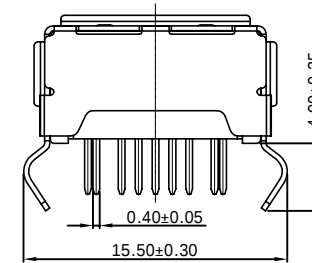
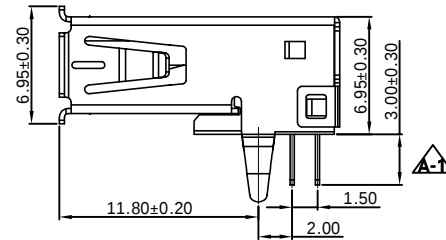
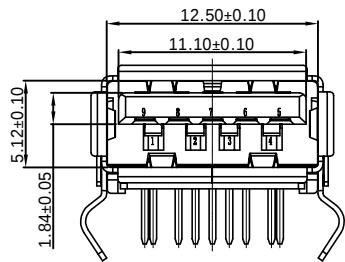
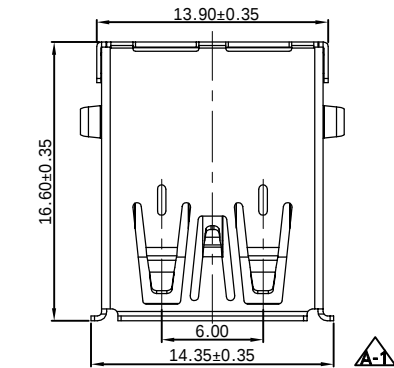
5.1 Contact:Au Plated on contact area

Tin 100u" Plated on solder area

Nickel 50u" Plated underplating over all.

5.2 Shell: Nickel Plated/Gold Plated

Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND
8	SSTX-
9	SSTX+
Shell	Shield



TOLERANCE: ±0.05
RECOMMENDED PCB LAYOUT
(TOP VIEW)

DW-MU3-DA9020- XX TP-01

Terminal Plating

01:Gold Flash Plating on Mating Area

03:3u" Gold Plating on Mating Area

05:5u" Gold Plating on Mating Area

15:15u" Gold Plating on Mating Area

30:30u" Gold Plating on Mating Area

TP:Tray Packing

Series

01-99

						Angle	±2°	DESIGN	Aple	2021.01.13		 龍威電子有限公司 Dragon Well Ele Dragon Well Electronics Co.,Ltd
						X.	±0.40	CHECK	Jason	2021.01.13		
	A-1	2021.01.13	Update spec	Michael	Rix	X.X	±0.35	APPROVAL	Jacky	2021.01.13		
	A-0	2015.12.06	New	Michael	Rix	X.XX	±0.30					
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: N/A	UNIT:mm	A4	SHEET: 1 of 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DRAGON WELL AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



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Dragon Well Ele Dragon Well Electronics Co.,Ltd

TITLE: USB 3.0 AF 90° DIP有卷边无缺口弯脚 脚长3.0mm

MODEL NO. DW-MU3-DA9020-XXTP-01

SHEET: 1 of 1