

Pin5

Pin9

Pin4

Pin1

Conn.2

19.4 ±0.1

Ø20.8 ±0.1

Pin4

Pin1

Pin5

Pin9

Pin Assignments Front View

UNIT:mm

TOLERANCE

±0.5

REV.

ECN NO.

DATE

SIGN

DESCRIPTION

A

2026/05/25

Qingyi

Rev.01 to Rev.A

USB, A TYPE(EN), 3.2 Gen 1, FRONT M, F, PNL W/PLUG, SCREW

SCALE1:1

SIZEA4

SHEET1OF1

REV.A

WC-REV.B.5

QC:Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

ALTW

DRAWN BY

CHECKED BY

APPROVED BY

Qingyi

Cherry

Fisher

DATE

DATE

DATE

2026/05/25

2026/05/25

2026/05/25

Pin5

Pin9

Pin4

Pin1

Conn.2

12.0

12.0

USB-A V3.0

Shield

Braid

Shield

Shield

9

Orange

28AWG

橙

SDP2+

9

8

Purple

28AWG

紫

SDP2-

8

7

Drain

28AWG

SDP2_Drain

7

6

Yellow

28AWG

黄

SDP1+

6

5

Blue

28AWG

蓝

SDP1-

5

7

Drain

28AWG

SDP1_Drain

7

4

Black

28AWG

黑

GND_PWRrt

4

3

Green

28AWG

绿

UTP_D+

3

2

White

28AWG

白

UTP_D-

2

1

Red

28AWG

红

PWR

1

Conn.1

Wire Color

Signal Name

Conn.2

Twist

Twist

Twist

Pin Out

QC L (mm)

22.0

13/16"-28UN

Pin1

Pin4

Pin5

Pin9

25.4

29.3

Conn.1

Waterproof Rate: IP67

AUA-30PMFL-SC7BXX

Compliant to EN 45545

15 :150mm

20 :200mm

30 :300mm

50 :500mm

AQ:1000mm

Screw Nut

Housing

Gasket

35.30

With Liquid Glue

Note:

* RoHs Compliant

* Important Dimension.

* Housing: Thermoplastic, Black

* Screw Nut: Thermoplastic, Black

* Gasket: Rubber, Gray

* Jack: USB3.0-A Female Solder

* Cable:(28AWG*1P+D+AL+ML)*2C+28AWG*1P+24AWG*2C LSHF, OD=5.8mm, Black, Compliant to EN 45545-2

* Cable Length Tolerance: 150~1000mm:±60mm

* Use with waterproof cap or dust cap

Panel Thickness max: 2.8mm

* Use without waterproof cap or dust cap

Panel Thickness max: 4.0mm

* All of Drain twisted together.

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