

A

B

C

D

E

General tolerances(mm)

0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315	>315 ~ 400	>400 ~ 500	>500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

0.1/10

±2°

REV.

DESCRIPTION

ECN NO.

NAME

DATE

Product model

PIN

A

B

C

AEDG-508KRP-2P-GG

2

11.66

5.08

20.32

AEDG-508KRP-3P-GG

3

16.74

10.16

25.40

AEDG-508KRP-4P-GG

4

21.82

15.24

30.48

AEDG-508KRP-5P-GG

5

26.90

20.32

35.56

AEDG-508KRP-6P-GG

6

31.98

25.40

40.64

AEDG-508KRP-7P-GG

7

37.06

30.48

45.72

.....

....

.....

.....

AEDG-508KRP-22P-GG

22

5.08xN+1.5

5.08x(N-1)

5.08xN+10.16

UL Standard

B

C

D

Rated Voltage(V)/Current(A)

300/15

/

300/10

IEC Standard

Overvoltage Category/Pollution Degree

III/3

II/2

I/2

Rated Voltage(V)/Current(A)

/

320/20

/

Rate Impulse Voltage(KV)

4

Torque Tightening(N·m/Lb.in)

M2.5, 0.4/3.54

Wire Range(rigid and flexible)(mm²/AWG)

0.2~2.5/28~12

Pitch(mm)/Poles

5.08/N=02~22P

Stripping length(mm)

7~8

Operating temperature(°C)

-40~+105

Conform to RoHS

Yes

6

Nut

Copper alloy

M2.5/Zn Plated

5

Screws

Steel

M2.5/Zn Plated

4

Cage

Copper alloy

Ni plated

3

Pin

Copper

Sn plated

2

Cover

PA66

UL94V-0

1

Housing

PA66

UL94V-0

ITEM

NAME OF PART

MATERIAL

NOTES

GENERAL TOLERANCE

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

DIM. TOL.

TITLE: Socket-type terminal

GENERAL ANGLE:

DWG. NO.: AEDG-508KRP-NP-GG

CHECKED: MAX

PART NO.: AEDG-508KRP-NP-GG

DRAWN: ELLA

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

LAYER: bxconn

APPROVED: WILL

BXCONN®

QR Code

The technical drawing illustrates the design of a socket-type terminal. It includes three main views: a top view showing the arrangement of pins and their pitch (5.08mm), a side view showing the overall height (15.10mm) and pin length (7.80mm), and a front view showing the housing profile with mounting holes (6). Dimensions are provided for various components, including the nut (6), screws (5), cage (4), pin (3), cover (2), and housing (1). The drawing also shows the overall width (5.08xN+10.16) and the distance between the center of the pins (5.08x(N-1)).