

## ELECTRICAL

Standard: UL IEC  
Rated Voltage: 300V 320V  
Rated Current: 10A 10A  
Contact Resistance: 20mΩ  
Withstanding Voltage: AC 2000V for one min  
Insulation Resistance: 500MΩ  
Wire range: 28-12AWG 2.5mm<sup>2</sup>

## MECHANICAL

Temp. Range: -40°C ~ +105°C  
Steip length: 7-8mm

## MATERIAL

Housing: PA66, UL94V-0  
Clamp: Copper alloy, Sn plated  
Shrapnel: Stainless steel

## ORDER INFORMATION

5 T P 5 0 8 N -

2 K R

G

X X

X

L

X

-

0

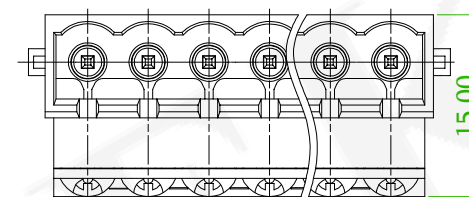
1

Series No.

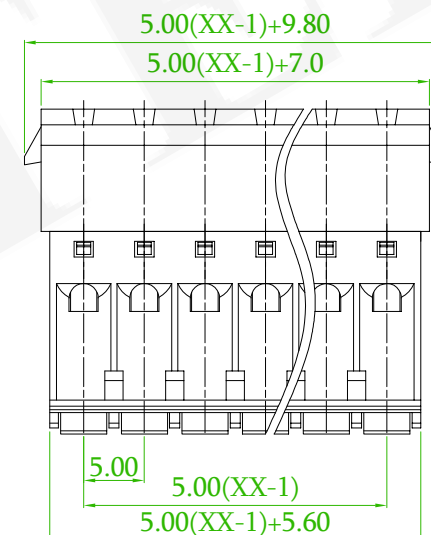
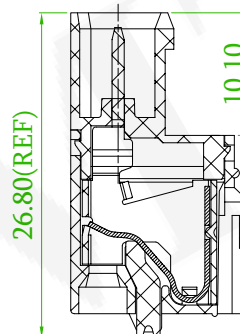
Poles  
(02-24P)

E:Green

A:Tray  
B:Bag



AMTEK 糧德  
2023.11.02  
Released DCC



linear dimension(Tolerances Standard GB/T 14486-2008)



| variable range | to 6  | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to | to 10 | over 10 to 100 | over 100 to |
|----------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| tolerance      | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60       | 0.10  | 0.30           | 0.60        |

|      |                                    |         |            |
|------|------------------------------------|---------|------------|
| △    | ECN NO:230714 Revise the PART NO.  | Gaby    | 2023/09/21 |
| △x2  | ECN NO:201215 Revise the PART NO.  | Alice   | 2020/12/30 |
| △x1  | ECN NO:200718 Revise the Tolerance | Alice   | 2020/09/15 |
| REV. | ECN NO. OR DESCRIPTION             | REVISED | DATE       |



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| 品名<br>TITLE          | 5.0mm Terminal Block      |             |      |                              | 頁數<br>Page          | 1/1                |
|----------------------|---------------------------|-------------|------|------------------------------|---------------------|--------------------|
| 品號<br>PART NO.       | △ 5TP500N-2KGNXXXXLX-01 △ |             |      |                              | 繪圖<br>DRAWN         | Eric<br>2018/12/06 |
| 圖號<br>DRAWING NO.    | GN011-EA199               | 版本<br>REV.  | D    | 核對<br>CHECKED                | Josh<br>2018/12/06  |                    |
| 客戶品號<br>CUSTOMER P/N |                           | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2018/12/06 |                    |
| 公差<br>TOLERANCE      |                           | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |                    |