

# ELECTRICAL

Standard: UL IEC  
Rated Voltage: 300V 320V  
Rated Current: 10A 16A  
Withstanding Voltage: AC 1600V for one minute

# MECHANICAL

Temp. Range: -40°C ~ +105°C

# MATERIAL

Housing: Nylon 66, UL94V-0  
Pin Header: Brass, Tin Plated

# ORDER INFORMATION

5 T P 5 0 0 R - 2 G R N X X X L X - 0 1

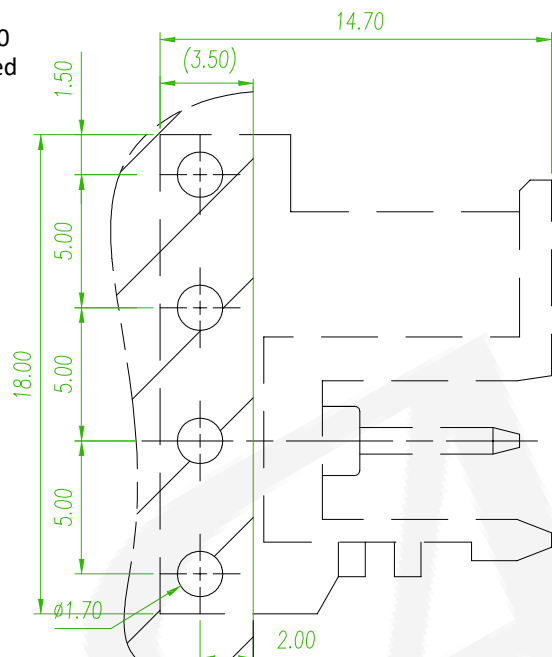
500:  
Pitch5.00mm

Series No.

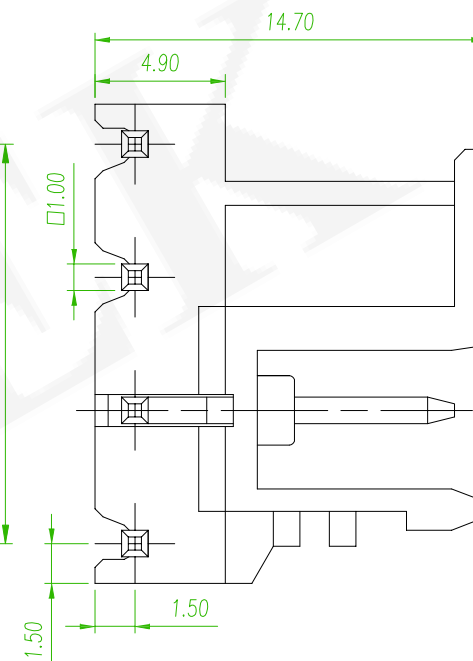
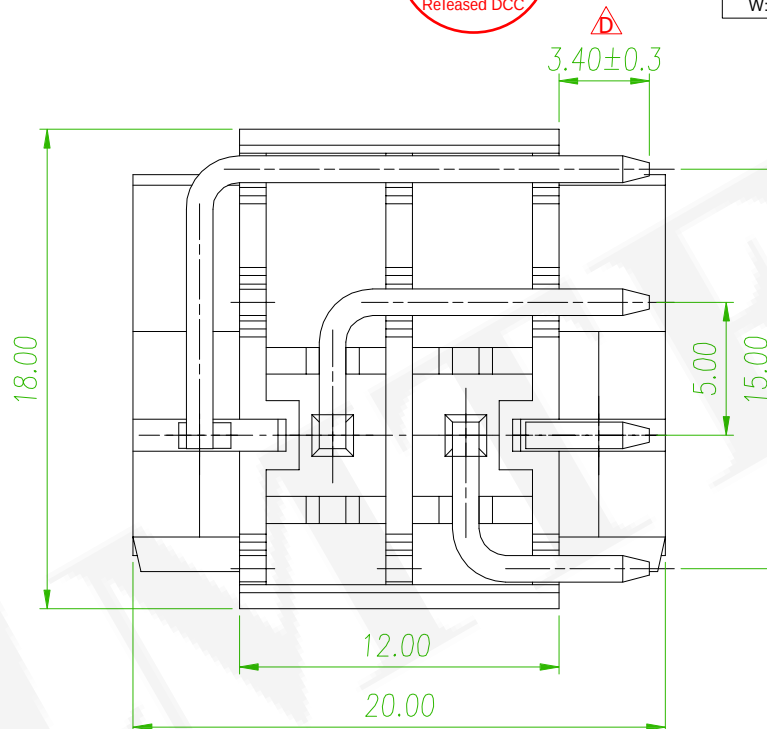
AMTEK 糧德  
2023.11.02  
Released DCC

|         |                |
|---------|----------------|
| G:Gray  | O:Orange       |
| U:Blue  | R:Red          |
| B:Black | T:Trans-parent |
| E:Green | N:Brown        |
|         | W:White        |

B:Bag



P.C.B. LAYOUT



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



Old Part No. :TB2ERF-5.0-04P-1X-00A-L

| 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 | Benson                 | 2023/08/29   |
| ECN NO.:220619 Revise the PART NO. | Alice                  | 2022/07/19   |
| ECN NO.:201215 Revise the PART NO. | Alice                  | 2020/12/30   |
| REV.                               | ECN NO. OR DESCRIPTION | REVISED DATE |



糧德精密有限公司  
Amtek Technology Co., Ltd.  
TEL: 886-2-2260-6878  
FAX: 886-2-2260-8030

| 品名<br>TITLE          | Terminal Block       |             |      |                           | 頁數<br>Page          | 1/1               |
|----------------------|----------------------|-------------|------|---------------------------|---------------------|-------------------|
| 品號<br>PART NO.       | 5TP500R-2GRNXXXLX-01 |             |      |                           | 繪圖<br>DRAWN         | Mia<br>2016/10/17 |
| 圖號<br>DRAWING NO.    | GN011-AL299          | 版本<br>REV.  | E    | 核對<br>CHECKED             | Jonny<br>2016/10/17 |                   |
| 客戶品號<br>CUSTOMER P/N |                      | 比例<br>SCALE | None | 承認<br>APPROVED            | Aaron<br>2016/10/17 |                   |
| 公差<br>TOLERANCE      |                      | 單位<br>UNIT  | mm   | THIRD ANGLE<br>PROJECTION |                     |                   |