

ELECTRICAL

Standard: UL IEC  
Rated Voltage: 300V 450V  
Rated Current: 16A 20A

Contact Resistance: 20mΩ  
Withstanding Voltage: AC 2000V for one min  
Insulation Resistance: 500MΩ  
Wire range: 22-12AWG 2.5mm²

MECHANICAL

Temp. Range: -40°C ~ +105°C  
Strip length: 6-7mm

MATERIAL

Housing: PA66, UL94V-0  
Screws: M2.5 Steel Zn plated  
Pin header: Copper alloy, Sn plated  
Cage: Copper alloy Ni plated

ORDER INFORMATION

5T S 7 5 0 R - 1 2 8 N X X X L X - 0 1

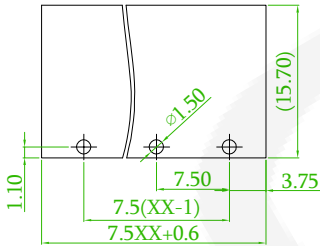
Series No. Poles (02-24P) E:Green A:Tray B:Bag



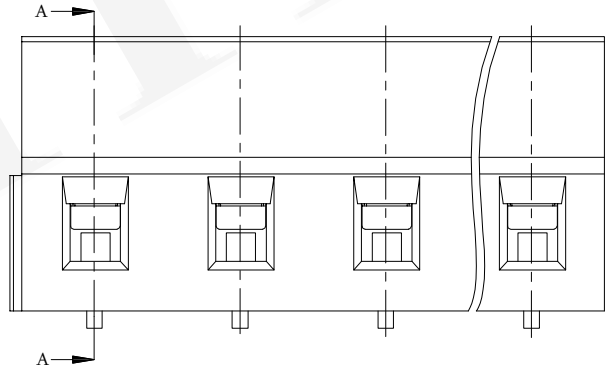
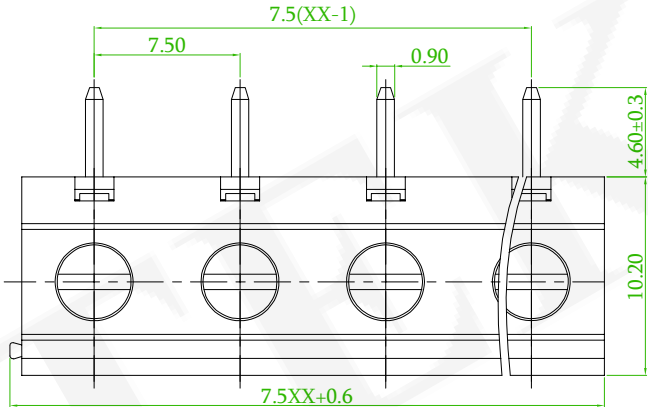
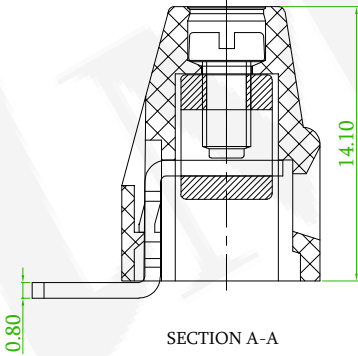
AMTEK 糧德

2023.11.02

Released DCC



Recommended PCB Layout  
(PCB TOLERANCE ±0.05)



| 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.  | Randy   | 2023/09/23 |
| △x2  | ECN NO:201214 Revise the PART NO.  | Alice   | 2020/12/29 |
| △x1  | ECN NO:200718 Revise the Tolerance | Alice   | 2020/12/10 |
| 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          |                          | 7.5mm Terminal Block |                    |                              |                     | 頁數<br>Page | 1/1 |
|----------------------|--------------------------|----------------------|--------------------|------------------------------|---------------------|------------|-----|
| 品號<br>PART NO.       | △ 5TS750R-128NXXXLX-01 △ | 繪圖<br>DRAWN          | Eric<br>2018/11/21 |                              |                     |            |     |
| 圖號<br>DRAWING NO.    | GN011-EA048              | 版本<br>REV.           | D                  | 核對<br>CHECKED                | Josh<br>2018/11/21  |            |     |
| 客戶品號<br>CUSTOMER P/N |                          | 比例<br>SCALE          | None               | 承認<br>APPROVED               | Jason<br>2018/11/21 |            |     |
| 公差<br>TOLERANCE      |                          | 單位<br>UNIT           | mm                 | THIRD<br>ANGLE<br>PROJECTION |                     |            |     |