

ELECTRICAL

Standard: UL IEC
Rated Voltage: 300V 250V
Rated Current: 10A 17.5A
Contact Resistance: 20mΩ
Insulation Resistance: 500MΩ/DC500V
Wire Range: 26~16 AWG 1.5mm²
Withstanding Voltage: AC 2000V for one min

MECHANICAL

Torque: 0.4Nm (3.6Lb.in)
Strip Length: 5-6mm
Temperature Range: -40°C ~ +105°C
Max Soldering: +250°C, for 5 Sec

MATERIAL

Housing: PA66, UL94V-0
Screws: M2.5 Steel Zn Plated
Pin Header: Brass, Tin Plated
Cage: Brass, Ni Plated

ORDER INFORMATION

5 T S 5 0 0 S -

5 0 0 N X X

E L A - 0 1

Series No.

No of Pins total
(04-48)

E: Green

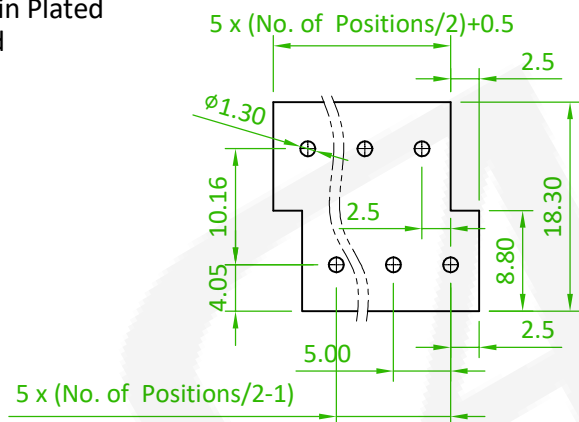
A: Tray



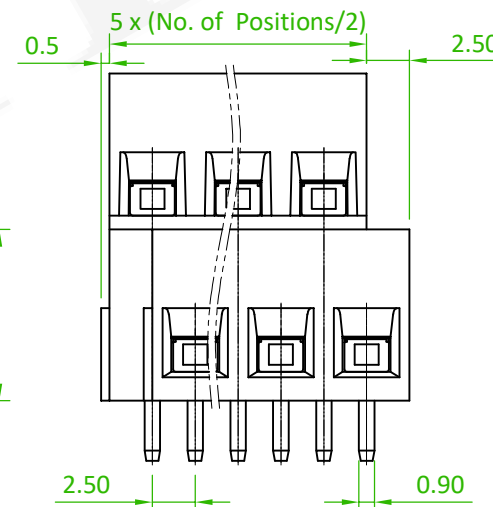
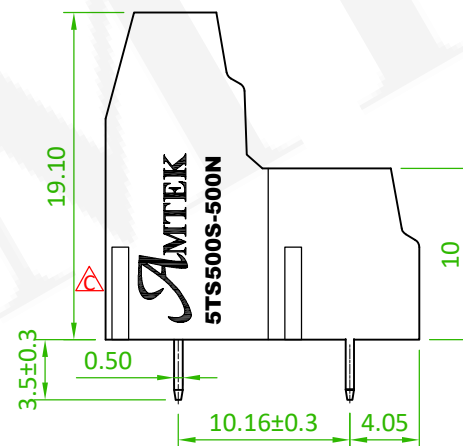
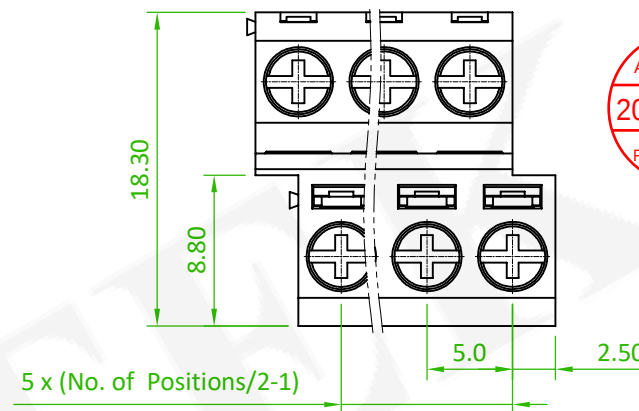
AMTEK 糧德

2022.01.11

Released DCC



P.C.B. LAYOUT



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 10	over 10 to 100	over 100 to 100	
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60

△x1	Add the Amtek Logo	Benson	2022/01/11
△x1	ECN NO: 200718 Revise the Tolerance	Alice	2020/12/08
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



糧德精密有限公司
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品名 TITLE	5.00mm Terminal Block				頁數 Page	1/1
品號 PART NO.	5TS500S-500NXXELA-01				繪圖 DRAWN	Mia 2018/07/02
圖號 DRAWING NO.	GN011-MD253	版本 REV.	C	核對 CHECKED	Josh 2018/07/02	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/07/02	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		