

Standard:	UL	IEC
Rated Voltage:	300V	250V
Rated Current:	15A	24A
Contact Resistance:	20mΩ	
Withstanding Voltage:	AC 2000V	
Insulation Resistance:	500MΩ	
Wire range:	26-14AWG 2.5mm ²	

ORDER INFORMATION

5 T S 5 0 0 S -

1 6 6 N X X

E L X - 0 1

Series No.

Poles
(02-24P)

E:Green

A:Tray
B:Bag



MECHANICAL

Temp. Range: -40°C ~ +105°C

Torque: 0.4Nm

Steip length: 5-6mm

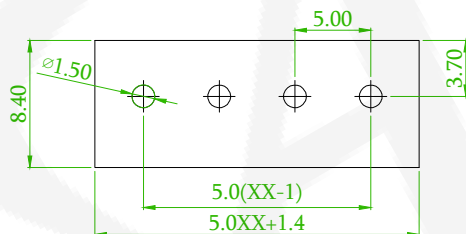
MATERIAL

Housing: PA66, UL94V-0

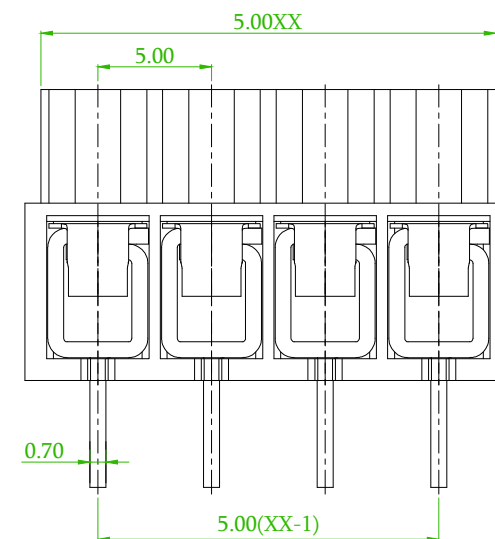
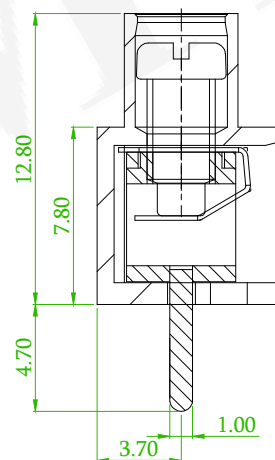
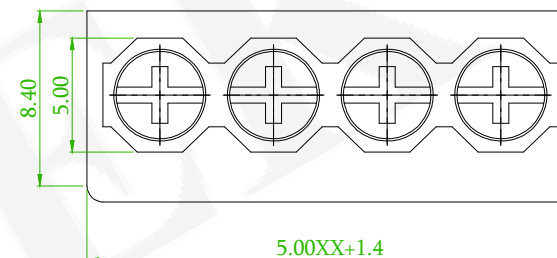
Screws: M3, Steel Zn plated

Pin header: Copper alloy, Sn plated

Shrapnel: Stainless steel



Recommended PCB Layout



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

—	$\parallel$	$\perp$
to 10	over 10 to 100	over 100 to
0.10	0.30	0.60

<i>variable</i>		over 6	over 10	over 30	over 60	over 100	over 160		over 10	over 100
<i>range</i>	to 6	to 10	to 30	to 60	to 100	to 160	to	to 10	to 100	to
<i>tolerance</i>	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60

A x1	ECN NO:200718 Revise the Tolerance	Alice	2020/12/07
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 TITLE	5.0mm Terminal Block				頁數 Page	1/1
品號 PART NO.	5TS500S-166NXXELX-01			繪圖 DRAWN	Eric 2018/12/12	
圖號 DRAWING NO.	GN011-EA268	版本 REV.	B	核對 CHECKED	Josh 2018/12/12	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/12/12	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		