

ELECTRICAL

Standard: UL IEC
 Rated Voltage: 300V 250V
 Rated Current: 20A 24A

Contact Resistance: 20mΩ

Withstanding Voltage: AC 2000V for one min

Insulation Resistance: 500MΩ

Wire range: 26-12AWG 2.5mm²

MECHANICAL

Temp. Range: -40°C ~ +105°C

Torque: 0.5Nm

MATERIAL

Housing: PA66, UL94V-0

Screws: M3.0 Steel Zn plated

Pin header: Copper alloy Sn plated

ORDER INFORMATION

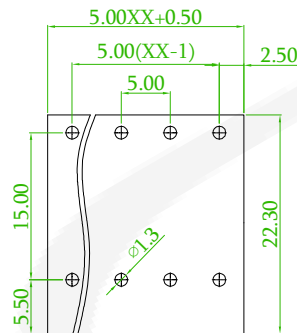
5 T S 5 0 0 S - 3 T 2 N X X X L X - 0 1

Series No.

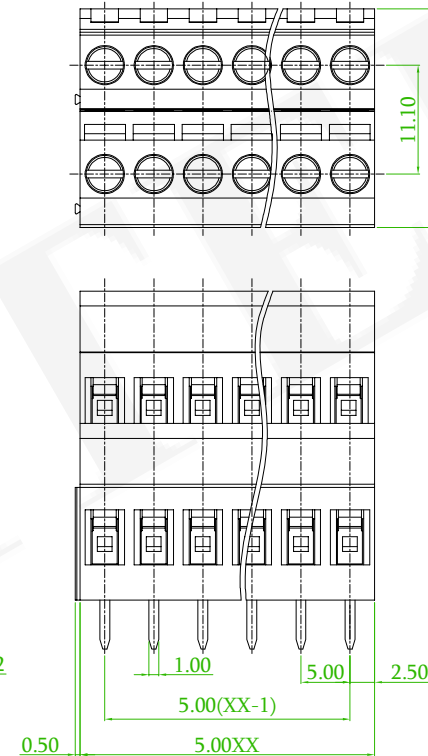
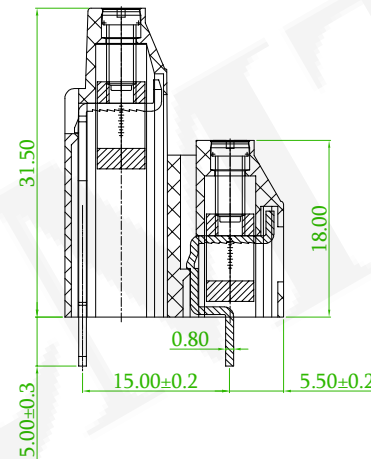
No of Pins total
(04~48P)

E:Green

A:Tray
B:Bag



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 250	over 250 to 500	over 500 to 1000
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30

△	ECN NO:230714 Revise the PART NO.	Randy	2023/09/23
△x1	ECN NO:220814 Revise the PART NO.	Tim	2022/09/16
△x2	ECN NO:201214 Revise the PART NO.	Alice	2020/12/29
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

AMTEK
 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-3T2NXXXXLX-01				Eric 2018/11/21	
圖號 DRAWING NO.	GN011-EA060	版本 REV.	E	核對 CHECKED	Josh 2018/11/21	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/11/21	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		