

ELECTRICAL

Standard: UL IEC
Rated Voltage: 300V 250V
Rated Current: 15A 17.5A
Contact Resistance: 20mΩ
Withstanding Voltage: AC 2000V for one min
Insulation Resistance: 500MΩ
Wire range: 30-14AWG 1.5mm²

MECHANICAL

Temp. Range: -40°C ~ +105°C
Torque: 0.4Nm
Steip length: 6-7mm

MATERIAL

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

ORDER INFORMATION

5 T S 5 0 0 S -

E 2 B N X X

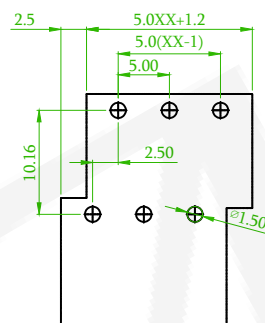
E L X - 0 1

Series No.

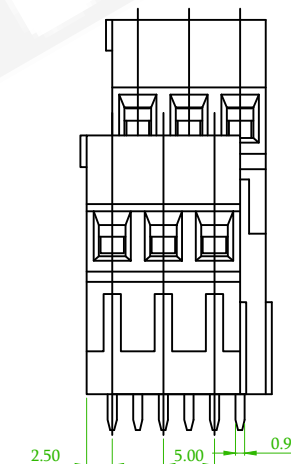
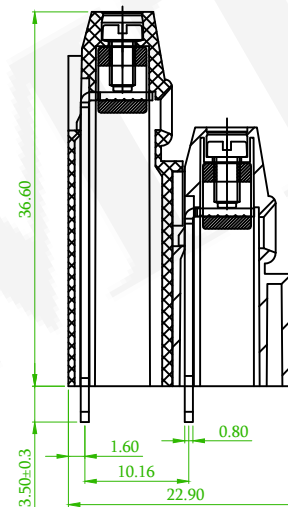
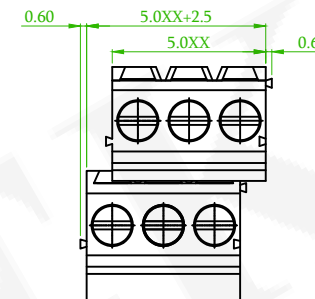
No of Pins total
(04 ~ 48P)

E: Green

A: Tray
B: Bag



Recommended PCB 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	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

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
A1	ECN NO:220814 Revise the PART NO.	Tim	2022/09/16
B1	ECN NO:200718 Revise the Tolerance	Alice	2020/12/08



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品名 TITLE	5.0mm Terminal Block				頁數 Page	1/1
品號 PART NO.	5TS500S-E2BNXXELX-01				繪圖 DRAWN	Eric 2018/12/13
圖號 DRAWING NO.	GN011-EA279	版本 REV.	C	核對 CHECKED	Josh 2018/12/13	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/12/13	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		