

**MATERIAL**

HOUSING: NYLON66, UL94V-0  
PIN: COPPER ALLOY, Sn PLATED  
CAGE: COPPER ALLOY, M2.5/Zn PLATED  
SCREW: STEEL, M2.5/Sn PLATED, TORQUE: 0.4N.m

**ORDER INFORMATION**

5 T S 5 0 0 S - E 2 B N X X X L X - 0 1

500  
PITCH: 5.0mm

SERIES No.

NO OF POELS TOTAL  
(04~48P)

E: Green

A: TRAY  
B: BAG

**MECHANICAL**

OPERATING TEMPERATURE: -40°C~+105°C  
STRIPPING LENGTH: 6~7mm

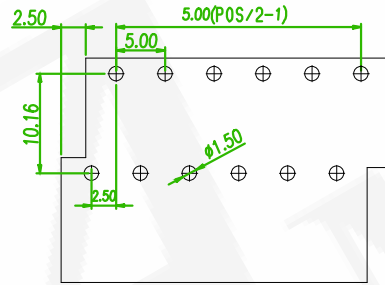
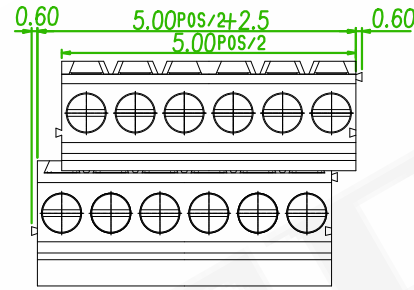
**TECHNICAL DATA**

UL/CUL

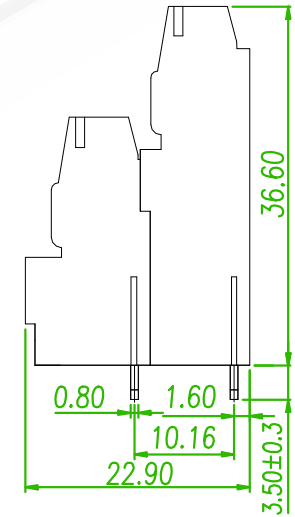
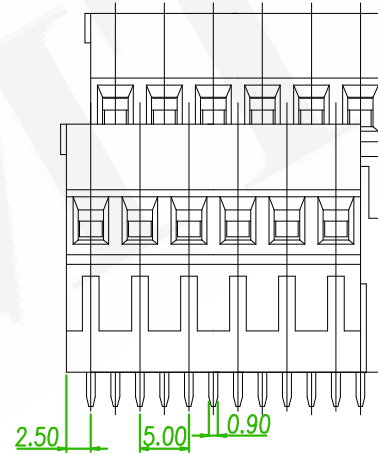
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE	30-14		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	24	24	24
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION	0.5-2.5		
SOLID/FLEXIBLE (mm <sup>2</sup> )			



RECOMMENDED PCB LAOUT  
(PCB TOLERANCE ±0.05)



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

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

	ECN NO:240348 Revise the drawing	Gaby	2025/02/12
	ECN NO:220814 Revise the PART NO.	Tim	2022/09/16
	ECN NO:200718 Revise the Tolerance	Alice	2020/12/08
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SCREW 5.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-E2BNXXXLX-01			繪圖 DRAWN	ERIC 2018/12/13	
圖號 DRAWING NO.	GN011-EA279	版本 REV.	D	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	第三 ANGLE PROJECTION		