

## ORDER INFORMATION



### MATERIAL

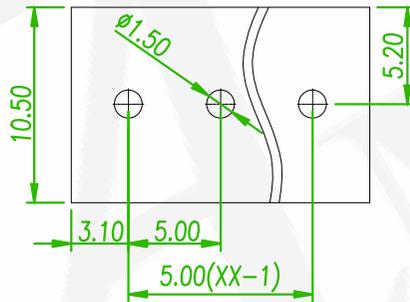
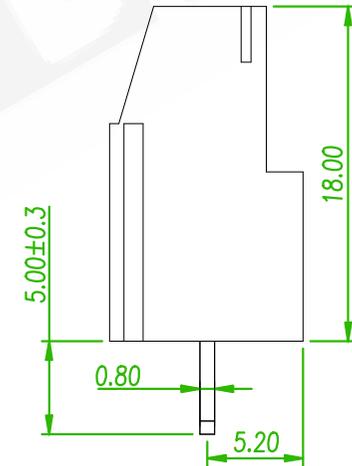
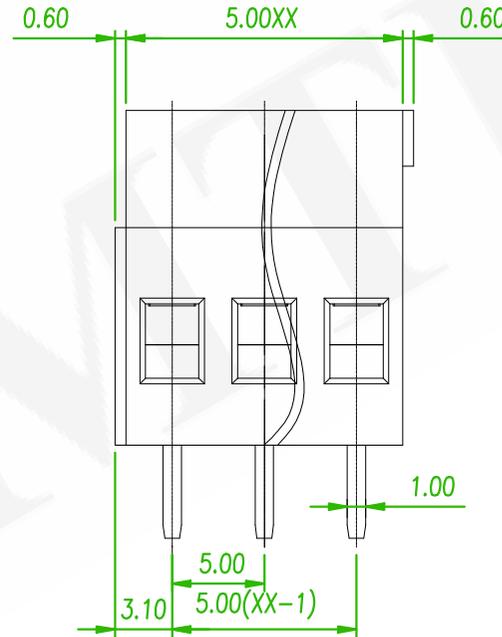
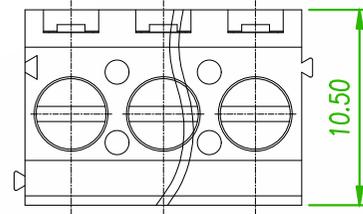
HOUSING: NYLON66, UL94V-0  
 CAGE: COPPER ALLOY, M3/Ni PLATED  
 SCREW: STEEL, M3; TORQUE: 0.5N.m  
 PIN: COPPER ALLOY, Sn PLATED

### MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C  
 SOLDERING TEMPERATURE: 260°C/5S  
 STRIPPING LENGTH: 6~7mm

5 T S 5 0 0 S - 1 2 9 N X X X L X - 0 1

NO OF PINS TOTAL (02~24)      E: GREEN      B: BAG



RECOMMENDED PCB LAOUT (PCB TOLERANCE ±0.05)

### TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE	26-12		
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> )			

variable range	linear dimension(Tolerances Standard GB/T 14486-2008)										≡	-	□	//	⊥	
	to 6	over 6 to 10	over 10 to 18	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 160	over 160 to 200	over 200 to 250						all
tolerance	±0.1	±0.14	±0.19	±0.25	±0.32	±0.43	±0.57	±0.72	±0.88	±1.05	±1.25	0.5	0.025	0.06	0.12	0.4

	ECN-202601002	Oliver	2026/01/19
	ECN 200102: REMOVE THE IEC	David	2020/06/06
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-129NXXXLX-01			繪圖 DRAWN	Roy 2015/02/11	
圖號 DRAWING NO.	GN011-DW160	版本 REV.	C	核對 CHECKED	Wanling 2015/02/11	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Joey 2015/02/11	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		