

# ORDER INFORMATION

## MATERIAL

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

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

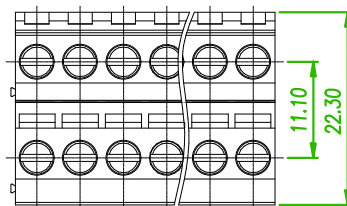
NO OF POLES TOTAL  
(04~48P)

E: GREEN

A: TRAY  
B: BAG

## MECHANICAL

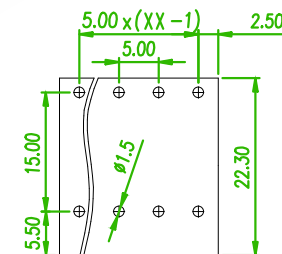
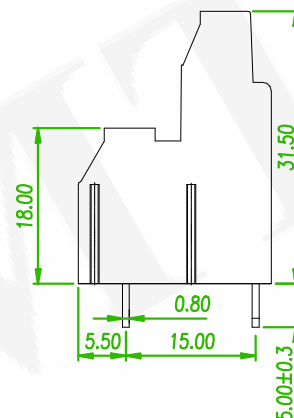
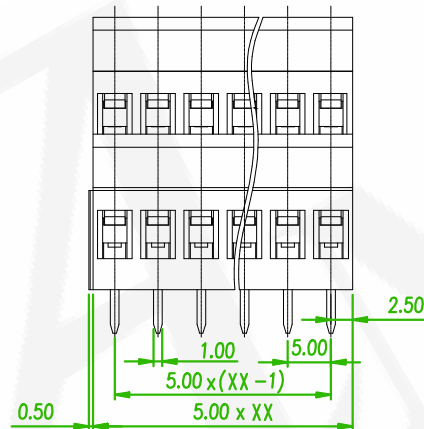
OPERATING TEMPERATURE: -40°C~+105°C  
SOLDERING TEMPERATURE: 260°C/5S  
STRIPPING LENGTH: 6~7mm



## TECHNICAL DATA

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE SOLID/STRANDED (AWG)	26-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	20	20	20
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm <sup>2</sup> )	0.5-2.5		



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 10	over 10 to 100	over 100 to 100	
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60

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品名 TITLE	TERMINAL BLOCK PCB SCREW 5.00mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-3T2NXXXXLX-W1			繪圖 DRAWN	Oliver 2026/05/29	
圖號 DRAWING NO.	GN011-OV301	版本 REV.	A	核對 CHECKED	Josh 2026/05/29	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2026/05/29	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		

REV.	ECN-202605041	Oliver	2026/05/29
	ECN NO. OR DESCRIPTION	REVISED	DATE