

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

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

TECHNICAL DATA
UL/CUL

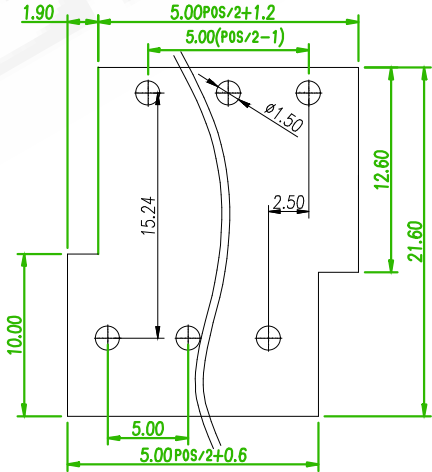
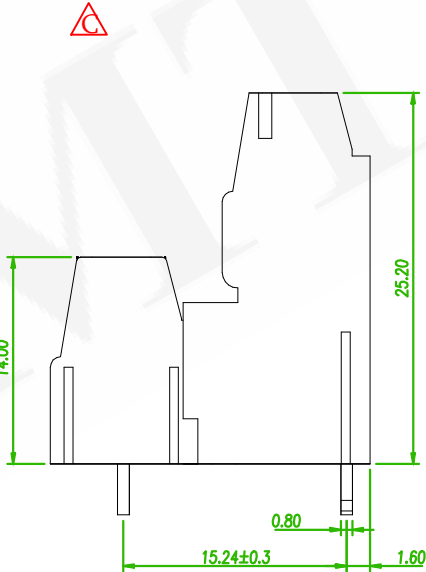
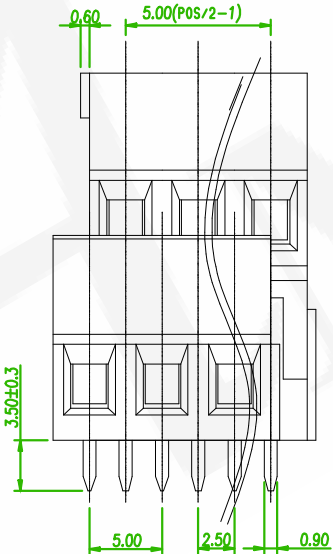
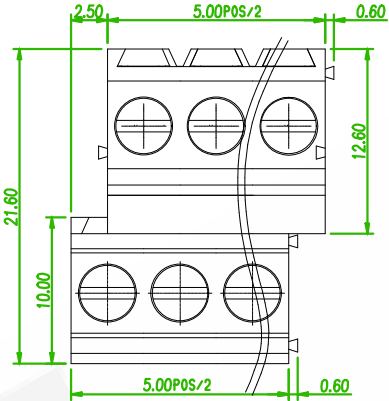
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE	30-14		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

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 ²)			

ORDER INFORMATION

5	T	S	5	0	0	S	-	K	5	B	N	X	X	X	L	X	-	0	1
500 PITCH: 5.00mm							SERIES No.		NO OF POLES TOTAL (04~48P)				E: GREEN		B: BAG				



RECOMMENDED PCB LAOUT
(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		

	ECN NO: 240348 Revise the drawing	Gaby	2024/08/08
	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 5.00mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-K5BNXXXLX-01				繪圖 DRAWN	Sinnys 2010/10/26
圖號 DRAWING NO.	GN011-MC706	版本 REV.	C	核對 CHECKED	Yvonne 2010/10/26	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	James 2010/10/26	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		