

MATERIAL
HOUSING: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED

MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 5~6mm

TECHNICAL DATA 
UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	10	-	10
WIRE RANGE SOLID/STRANDED (AWG)	28-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		

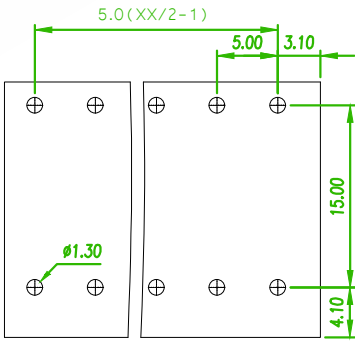
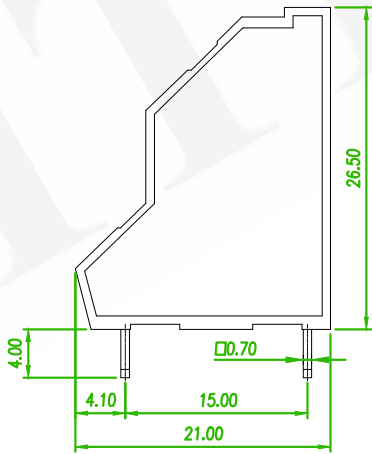
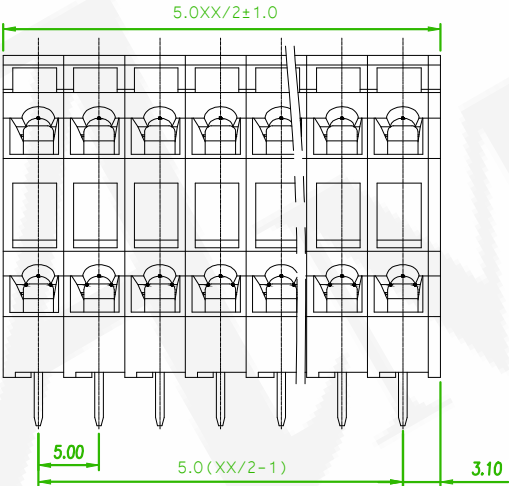
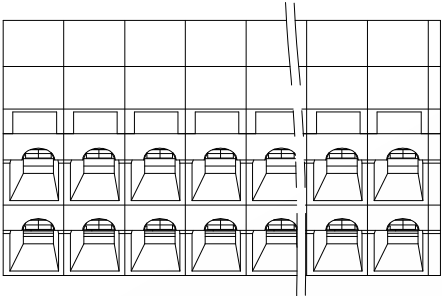
IEC	IEC 60947-7-4		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	630
RATED CURRENT (A)	21	21	21
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.2-2.5		

 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

	ECN-202509072	Oliver	2025/10/08
	ECN NO:240824 REVISE THE DRAWING	Benson	2024/10/08
	ECN NO:230714 REVISE THE PART NO.	Randy	2023/09/23
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

ORDER INFORMATION

5	T	R	5	0	0	L	-	4	5	T	N	X	X	X	L	X	-	0	1
500 PITCH: 5.00mm							SERIES No.		NO OF POLES TOTAL (04~48P)			G: GRAY		L: RoHS + PA 66					



RECOMMENDED PCB LAOUT (PCB TOLERANCE ±0.05)

 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	TERMINAL BLOCK PCB SPRING 5.0mm DIP ANGLED TYPE				頁數 Page	1/1
	品號 PART NO.	5TR500L-45TNXXLLX-01				繪圖 DRAWN	Mia 2017/11/01
	圖號 DRAWING NO.	GN011-MC708	版本 REV.	F	核對 CHECKED	Jason 2017/11/01	
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2017/11/01	
	公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		