

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

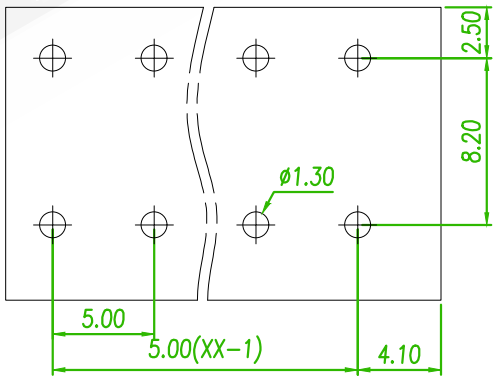
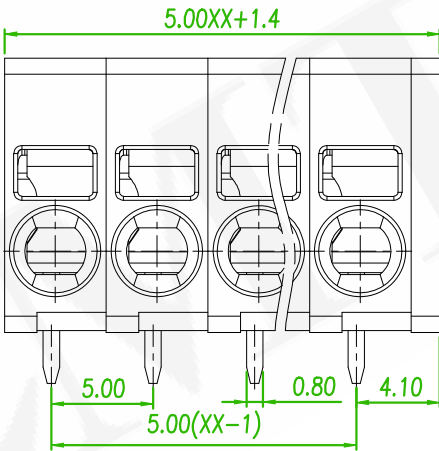
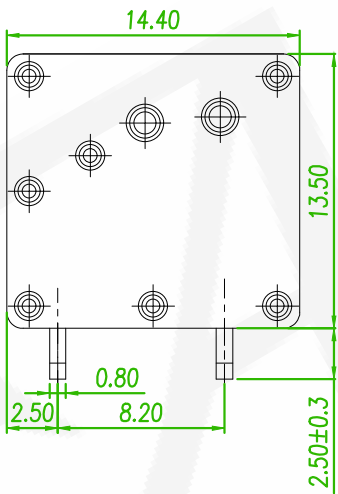
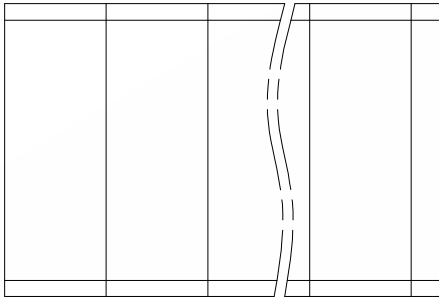
MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 9~10mm

TECHNICAL DATA

UL/CUL			
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE SOLID/STRANDED (AWG)	24-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		
IEC IEC60947-7-4			
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 SOLID/FLEXIBLE (mm ²)	0.2-4.0/0.2-2.5		

ORDER INFORMATION

5	T	R	5	0	0	R	-	2	4	1	N	X	X	X	L	X	-	0	1
500 PITCH: 5.00mm							SERIES No.		NO OF PINS TOTAL (01~30P)			E: GREEN			B: BAG A: TRAY W/O CAP				



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	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 NO:240348 Revise the drawing						Gaby	2024/11/20
△	ECN NO:230714 Revise the PART NO.						Randy	2023/09/23
△x2	ECN NO:201126 Revise the PART NO.						Alice	2020/12/14
REV.	ECN NO. OR DESCRIPTION						REVISED	DATE



糧德精密有限公司
Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK PCB SPRING 5.00mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TR500R-241NXXXLX-01			繪圖 DRAWN	ROY 2018/04/30	
圖號 DRAWING NO.	GN011-RR440	版本 REV.	F	核對 CHECKED	JOSH 2018/04/30	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/04/30	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		