

MATERIAL
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
BUTTON: POM, UL94-HB
PIN: COPPER ALLOY, Sn PLATED
SPRING: STAINLESS STEEL

MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
SOLDERING TEMPERATURE: 260°C/5S
STRIPPING LENGTH: 8mm

TECHNICAL DATA

UL/CUL			
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	-
RATED CURRENT (A)	10	-	-
WIRE RANGE SOLID/STRANDED (AWG)	26-14		
WITHSTANDING VOLTAGE	1600V (1MIN)		
IEC IEC60947-7-4			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	320	320	630
RATED CURRENT (A)	17.5	17.5	17.5
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²)	0.2-1.5		

ORDER INFORMATION

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

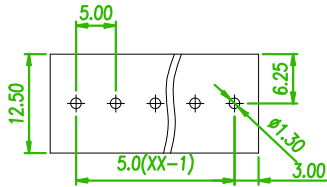
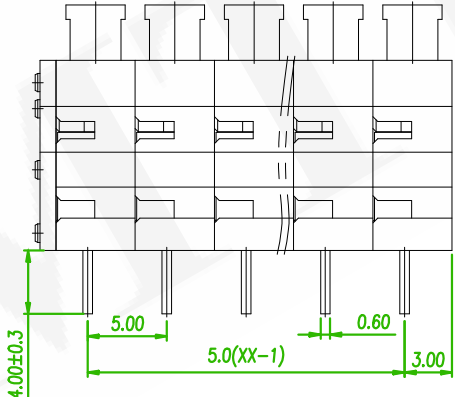
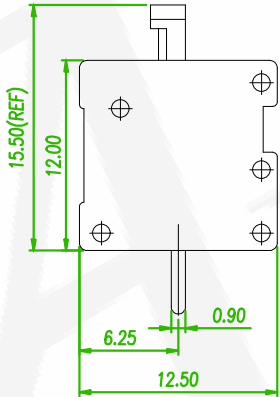
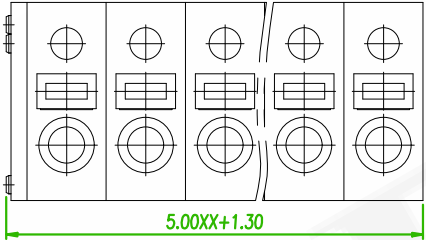
500:
PITCH 5.00mm

SERIES No.

No OF POLES TOTAL
(01-30P)

G:GRAY

A:TRAY, W/O CAP
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 300	to 10	over 10 to 100	over 100 to 300
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	2025/02/17	
△x3	Add the Packing							Alice	2022/03/17	
△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 5.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TR500S-211NXXXLX-W1				繪圖 DRAWN	ROY 2016/03/21
圖號 DRAWING NO.	GN011-AL372	版本 REV.	E	核對 CHECKED	SABRINA 2016/03/21	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOHN 2016/03/21	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		