

MECHANICAL

TEMP. RANGE: -40°C ~ +105°C

STEIP LENGTH: 5-6mm

SOLDERING TEMPERATURE: 260°C/5S

MATERIAL

HOUSING: PA66, UL94V-0

SCREWS: M3, STEEL Zn PLATED, TORQUE: 0.5N.m

PIN: COPPER ALLOY, Sn PLATED

SPRING: STAINLESS STEEL

TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE	26-14		
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 (mm²)			

ORDER INFORMATION

5 T S 5 0 0 S - 1 6 6 N X X X L X - 0 1

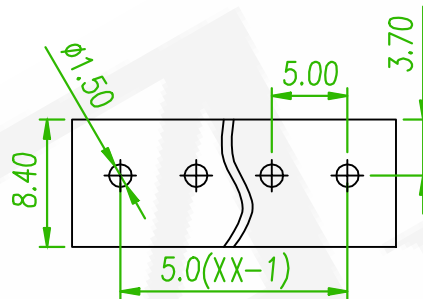
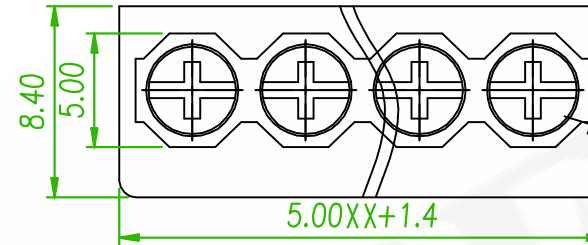
500
PITCH: 5.00mm

SERIES NO.

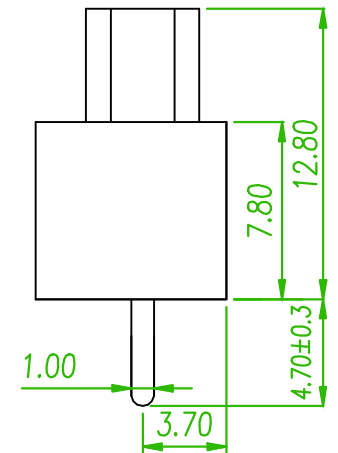
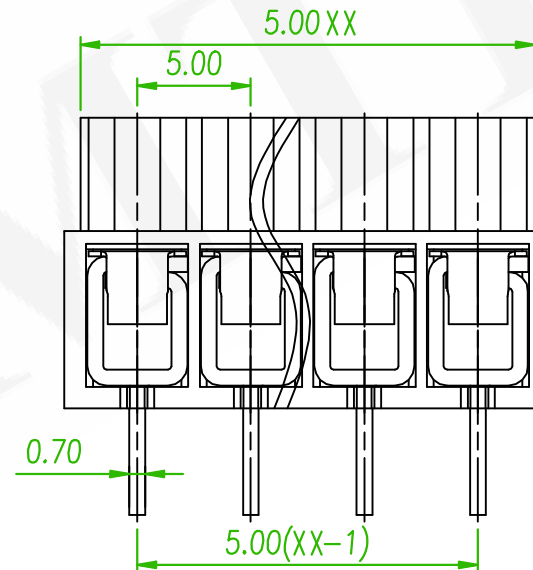
POLES
(02-24P)

E: GREEN

A: TRAY
B: BAG



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



General Tolerances

General Tolerances							—			
variable range	to	over 6	over 10	over 30	over 60	over 100	over 160		over 10	over 100
	6	to 10	to 30	to 60	to 100	to 160	to 10	to 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

2024/04/30

ECN NO.: 200718 Revise the Tolerance

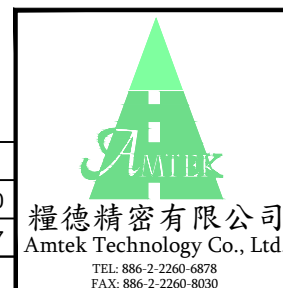
Alice

2020/12/07

REV. ECN NO. OR DESCRIPTION

REVISED

DATE



品名 TITLE	TERMINAL BLOCK PCB SCREW 5.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-166NXXXLX-01				繪圖 DRAWN	ERIC 2018/12/12
圖號 DRAWING NO.	GN011-EA268	版本 REV.	D	核對 CHECKED	JOSH 2018/12/12	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/12	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		