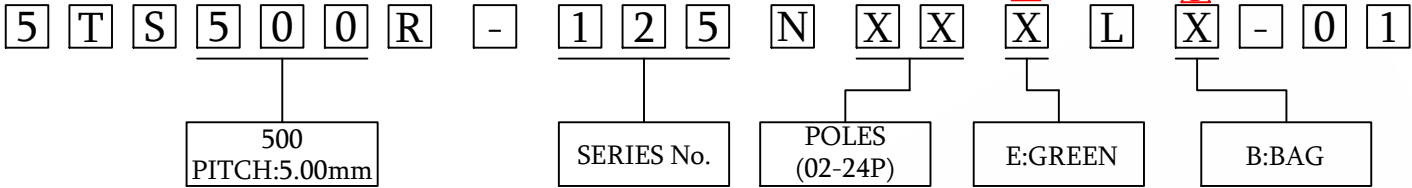


MATERIAL
HOUSING: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED
SCREW: M2.5, TORQUE: 0.4N.m

ORDER INFORMATION



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

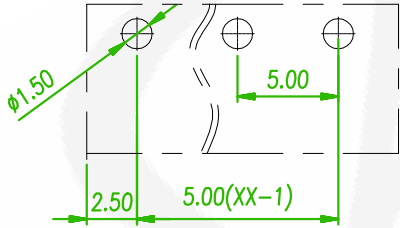
TECHNICAL DATA

UL/CUL UL1059

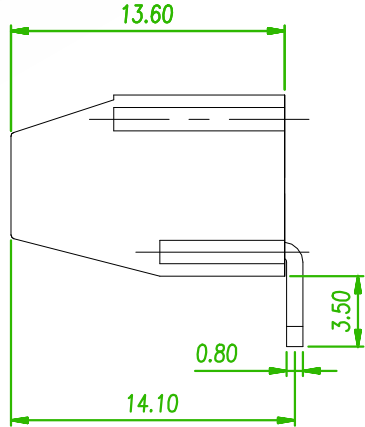
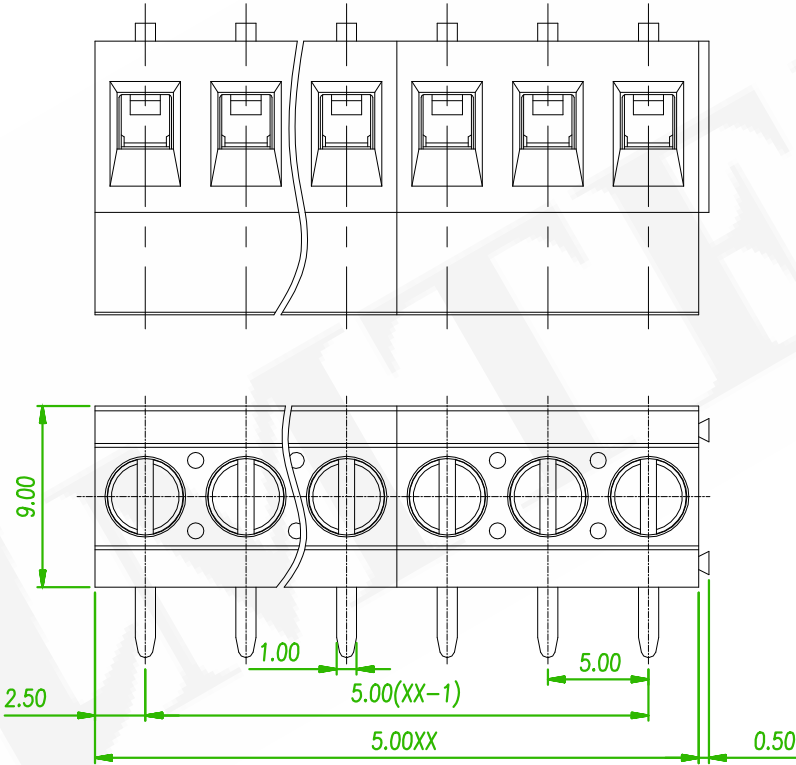
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	16	-	10
WIRE RANGE SOLID/STRANDED (AWG)	22-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC IEC60947-7-4

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	18	18	18
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.2-2.5		



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	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

REV.	ECN NO.240348 Revise the drawing	Gaby	2025/01/24
	ECN NO. OR DESCRIPTION	REVISED	DATE

Amtek
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Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK PCB SCREW 5.00mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TS500R-125NXXXLX-01			繪圖 DRAWN	DAVID 2021/09/16	
圖號 DRAWING NO.	GN011-DW548	版本 REV.	B	核對 CHECKED	JOSH 2021/09/16	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2021/09/16	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		