

RoHS COMPLIANT

ORDER INFORMATION

5 T S 5 0 0 S - 1 2 8 N X X X L X - 0 1

AMTEK 糧德
2026.01.19
Released DCC

MATERIAL

HOUSING: NYLON 66, UL94V-0
HEADER PIN: COPPER ALLOY, TIN PLATED
SCREWS: M2.5, STEEL, ZN PLATED
CAGE: M2.5, COPPER ALLOY, NI PLATED

SPECIFICATION

OPERATING TEMPERATURE: -40°C~105°C
SOLDERING TEMPERATURE: 260°C/5SEC

TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
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)		

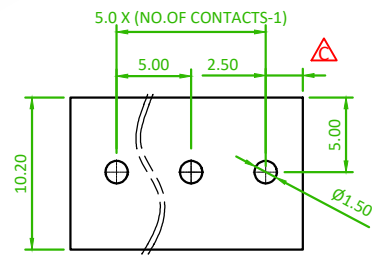
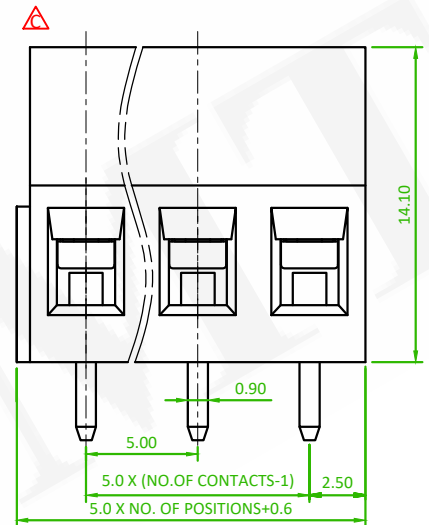
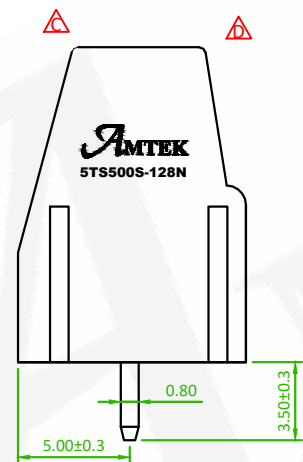
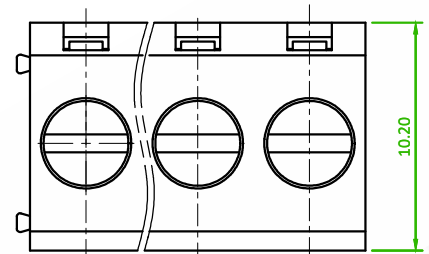
IEC

SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	20	20	20
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.5-2.5		

NO OF PINS TOTAL
(02~24P)

B:BLACK
E:GREEN

B:BAG



RECOMMENDED PCB LAYOUT
(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	over 10 to 100	over 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-202601002	Oliver	2026/01/16
	RECN2504000128	Gaby	2025/04/28
	BPM 2024060601	Gaby	2024/06/06
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SCREW 5.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-128NXXXLX-01			繪圖 DRAWN	Mia	
圖號 DRAWING NO.	GN011-AL625	版本 REV.	F	核對 CHECKED	Jonny	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Aaron	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		