

MECHANICAL
TEMP. RANGE: -40°C ~ +105°C
SOLDERING TEMPERATURE: 260°C/5S
MATERIAL
HOUSING: NYLON 66, UL94V-0
PIN HEADER: COPPER ALLOY, TIN PLATED
TECHNICAL DATA

ORDER INFORMATION

5 T P 5 0 0 S - 2 V T N X X X L X - 0 1

500:
PITCH 5.00mm

SERIES NO.

NO OF POLES TOTAL
(04~48P)

E:GREEN

L:RoHS + NYLON 66

AMTEK 懽德

2025.10.14

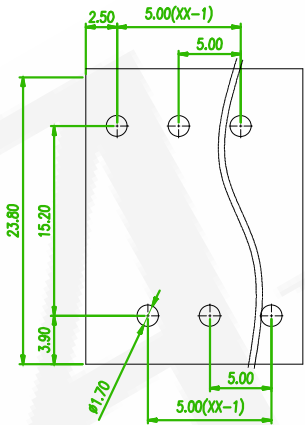
Released DCC

UL/CUL

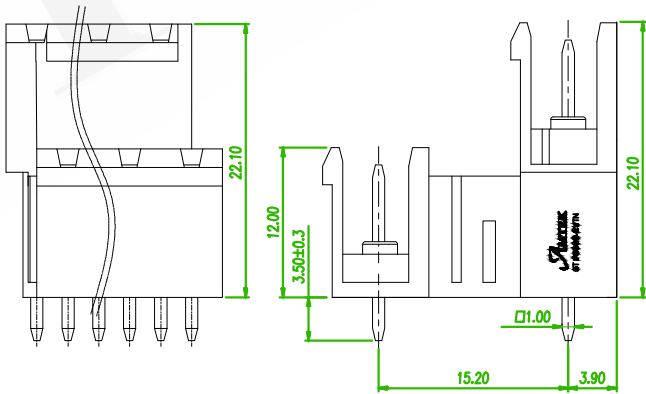
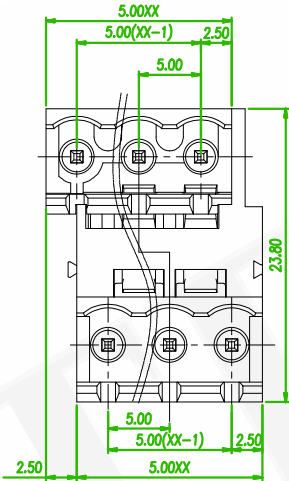
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE	-		
SOLID/STRANDED (AWG)	-		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	400
RATED CURRENT (A)	10	10	10
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION	-		
SOLID/FLEXIBLE (mm²)	-		



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-202509072	Oliver	2025/10/08
QEC NO:240508 REVISE THE TOLERANCE	Gaby	2024/05/20
ECN NO:200718 REVISE THE TOLERANCE	Alice	2020/09/16
REV.	ECN NO. OR DESCRIPTION	REVISED DATE

懽德精密有限公司
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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TP500S-2VTNXXXLX-01				繪圖 DRAWN	Roy 2017/08/31
圖號 DRAWING NO.	GN011-RL966	版本 REV.	D	核對 CHECKED	Carol 2017/08/31	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2017/08/31	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		

OLD PART NO. :TB2EVT-5.0-09P-14-00A-L