

MATERIAL
HOUSING: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED
NUT: COPPER ALLOY, M2.5

ORDER INFORMATION

5 T P 5 0 0 L - 2 L C E X X X L X - 0 1

500
PITCH: 5.00mm

SERIES No.

POLES
(02-24P)

E: GREEN

A: TRAY
B: BAG

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

TECHNICAL DATA

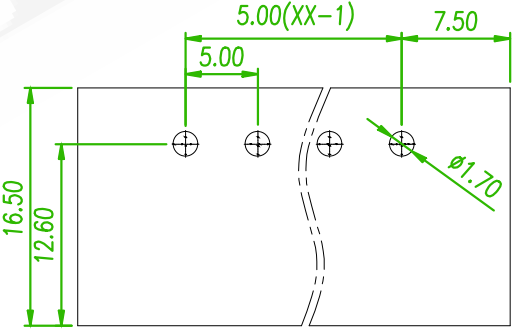
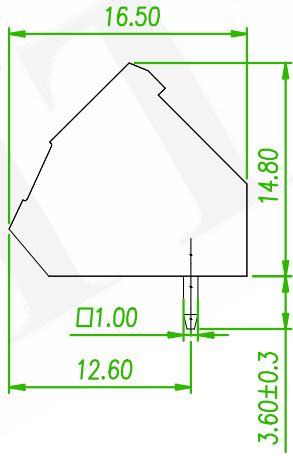
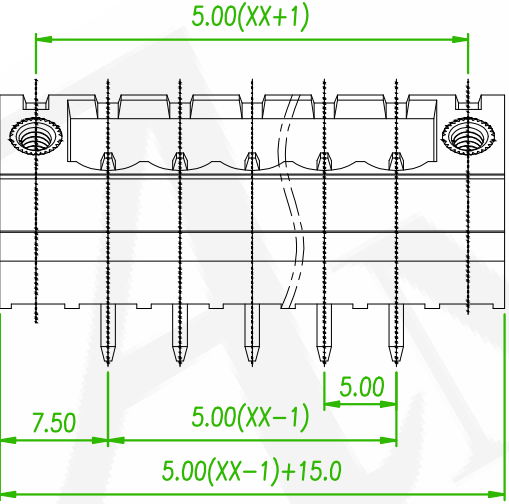
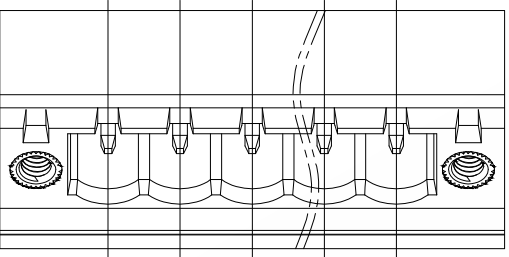
UL/CUL

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

IEC61984

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	400
RATED CURRENT (A)	12	12	12
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	-		



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	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 NO:240348 Revise the drawing	Gaby	2024/11/14
△	ECN NO:230714 Revise the PART NO.	Gaby	2023/09/21
△x2	ECN NO:201215 Revise the PART NO.	Alice	2020/12/30
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

AMTEK

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品名 TITLE	△ TERMINAL BLOCK PLUGGABLE 5.00mm DIP ANGLED TYPE				頁數 Page	1/1
品號 PART NO.	△ 5TP500L-2LCXXXXLX-01 △				繪圖 DRAWN	Nick 2020/02/12
圖號 DRAWING NO.	GN011-NI920	版本 REV.	D	核對 CHECKED	Josh 2020/02/12	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2020/02/12	
公差 TOLERANCE		單位 UNIT	mm	第三角 THIRD ANGLE PROJECTION	⊕ ↗	