

MATERIAL
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED
CAGE: COPPER ALLOY, M3/Ni PLATED
SCREW: STEEL, M3/Zn PLATED, TORQUE: 0.5N.m
DIN: NYLON66, UL94V-0
NUT: COPPER ALLOY, M2.5

MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 7~8mm

TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE	28-12		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC IEC61984

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	630
RATED CURRENT (A)	12	12	12
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION	0.2-2.5		
SOLID/FLEXIBLE (mm ²)			

ORDER INFORMATION

5 T P 5 0 0 N - 2 R D E X X X L X - 0 1

500
PITCH: 5.00mm

SERIES No.

POLES
(06-24P)

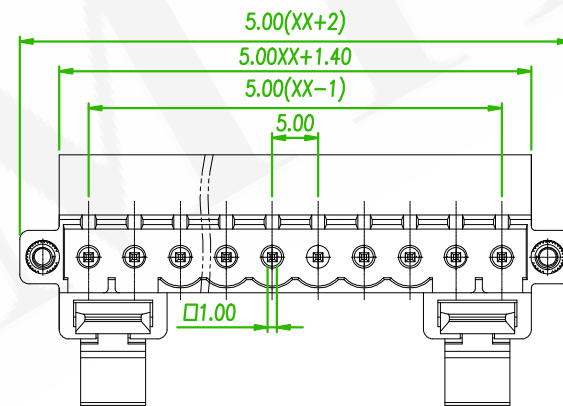
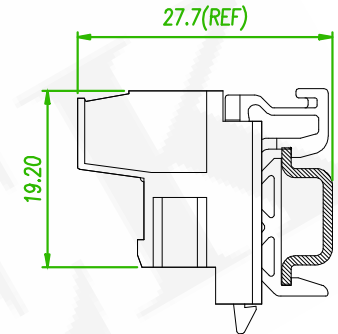
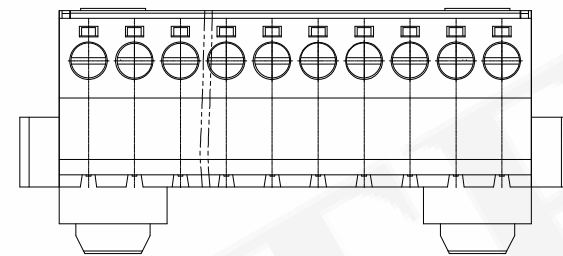
E: GREEN

A: TRAY
B: BAG

AMTEK 懰德

2025.01.03

Released DCC



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 100
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60



REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
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ECN NO: 240348 Revise the drawing

Gaby 2024/11/15

ECN NO: 200718 Revise the Tolerance

Alice 2020/09/16


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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.00mm				頁數 Page	1/1
品號 PART NO.	5TP500N-2RDEXXXLX-01				繪圖 DRAWN	ERIC 2018/12/10
圖號 DRAWING NO.	GN011-EA228	版本 REV.	C	核對 CHECKED	JOSH 2018/12/10	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/10	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		