

MATERIAL

HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
CAGE: COPPER ALLOY, M3/Ni PLATED, TORQUE: 0.5N.m
SCREW1: STEEL, M3/Zn PLATED
CLAMP: COPPER ALLOY, Ni PLATED
SCREW2: STEEL, M2.5/Zn PLATED

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 K A E X X X L X - 0 1

500 PITCH: 5.00mm

SERIES No.

POLES (02-24P)

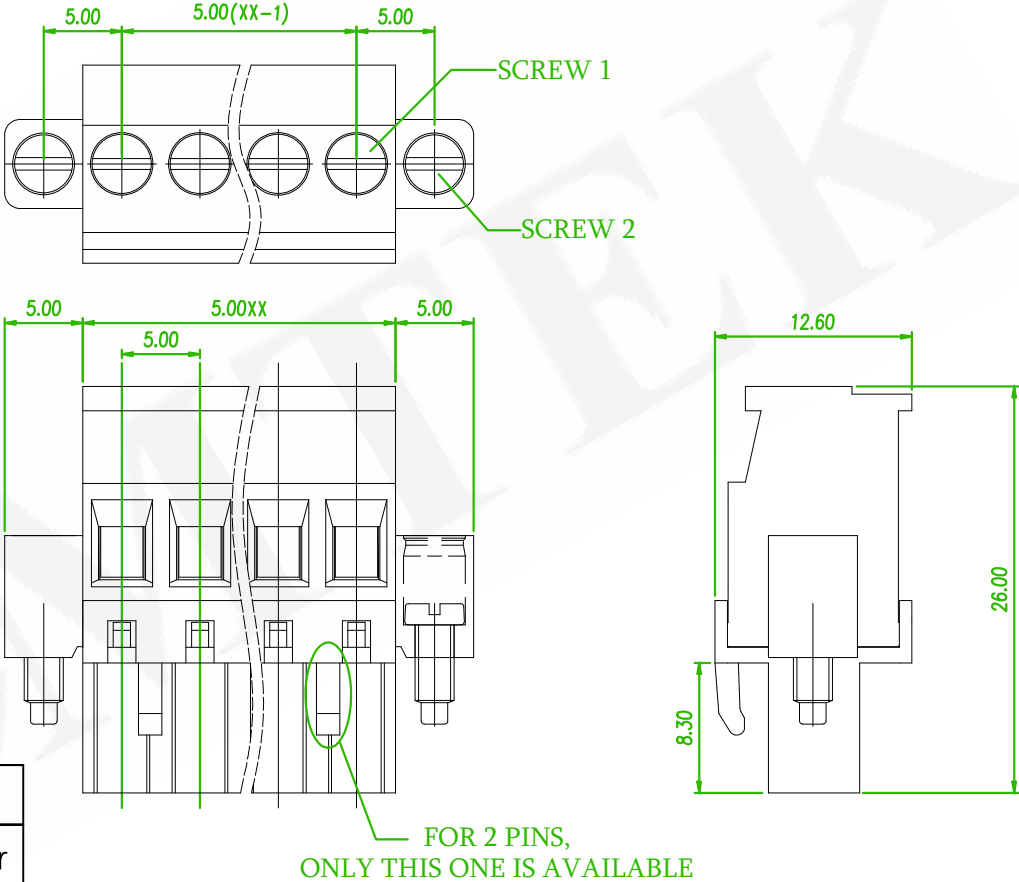
E: GREEN

A: TRAY B: BAG

AMTEK 懽德

2025.02.20

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	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

	ECN NO:240348 Revise the drawing	Gaby	2024/10/21
△x1	ECN NO:200718 Revise the Tolerance	Alice	2020/09/15
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	△ TERMINAL BLOCK PLUGGABLE 5.00mm				頁數 Page	1/1
品號 PART NO.	△ 5TP500N-2KAEXXXLX-01				繪圖 DRAWN	Eric 2018/12/18
圖號 DRAWING NO.	GN011-EA314	版本 REV.	C	核對 CHECKED	Josh 2018/12/18	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/12/18	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		