

MATERIAL

HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
SPRING: STAINLESS STEEL
CLAMP: COPPER ALLOY, Sn PLATED
BUTTON: POM, UL94-HB
SCREW: STEEL, M2.5/Zn PLATED

MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 8~9mm

TECHNICAL DATA

UL/CUL

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

IEC

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 D B E X X X L X - 0 1

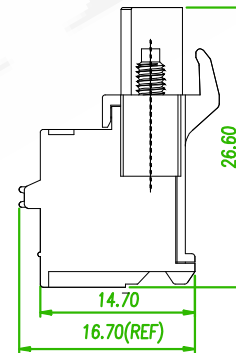
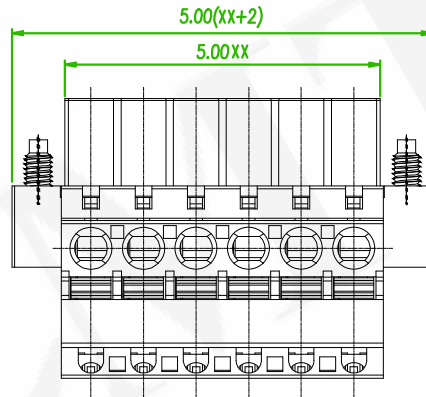
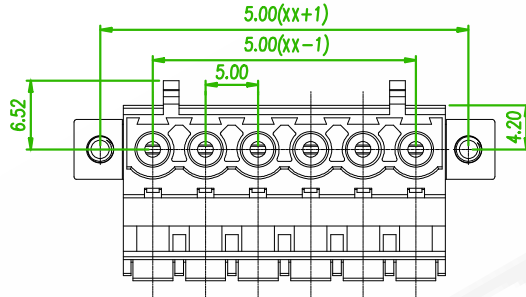
500
PITCH: 5.00mm

SERIES No.

POLES
(02-24P)

E: GREEN

A: TRAY
B: BAG



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



ECN NO: 240348 Revise the drawing

Gaby

2024/10/23



ECN NO: 200718 Revise the Tolerance

Alice

2020/09/10

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-2DBEXXXLX-01				繪圖 DRAWN	ERIC
圖號 DRAWING NO.	GN011-EA169	版本 REV.	C	核對 CHECKED	JOSH	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		