

MATERIAL
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
CAGE: COPPER ALLOY, M3/Ni PLATED
SCREW: STEEL, M3/Zn PLATED, TORQUE: 0.5N.m
CLAMP: COPPER ALLOY, Ni 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)	600	-	600
RATED CURRENT (A)	15	-	5
WIRE RANGE	28-12		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	2200V (1MIN)		

IEC	IEC61984		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	630	1000	1000
RATED CURRENT (A)	10	10	10
IMPULSE WITHSTANDING VOLTAGE (KV)	6.0	6.0	6.0
CONDUCTOR CROSS SECTION	0.5-2.5		
SOLID/FLEXIBLE (mm ²)			

ORDER INFORMATION

5 T P 1 0 0 N - 2 E K N X X X L X - 0 1

100
PITCH: 10.0mm

SERIES No.

POLES
(02-12P)

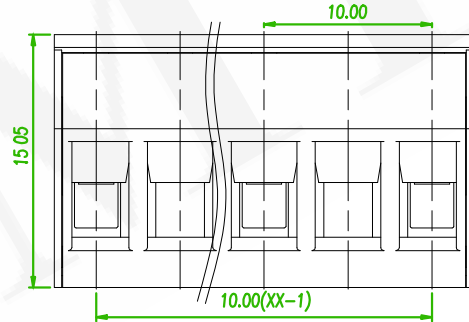
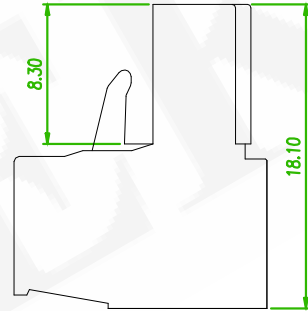
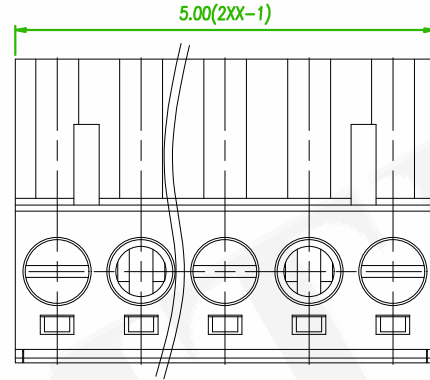
E: GREEN

A: TRAY
B: BAG

AMTEK 糧德

2025.02.18

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	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	2024/10/16
⚠x1	ECN NO: 200718 Revise the Dimension	Alice	2020/08/27
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE	TERMINAL BLOCK PLUGGABLE 10.0mm				頁數 Page	1/1
品號 PART NO.	5TP100N-2EKNXXXLX-01			繪圖 DRAWN	ERIC 2018/12/17	
圖號 DRAWING NO.	GN011-EA308	版本 REV.	C	核對 CHECKED	JOSH 2018/12/17	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/17	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		