

**MATERIAL**

HOUSING: NYLON66, UL94V-0  
 COVER: NYLON66, UL94V-0  
 CLAMP: COPPER ALLOY, Sn PLATED  
 CAGE: COPPER ALLOY, M2.5/Ni PLATED  
 SCREW: STEEL, M2.5/Zn PLATED, TORQUE: 0.4N.m

**MECHANICAL**

OPERATING TEMPERATURE: -40°C~+105°C  
 STRIPPING LENGTH: 5~6mm

**TECHNICAL DATA**

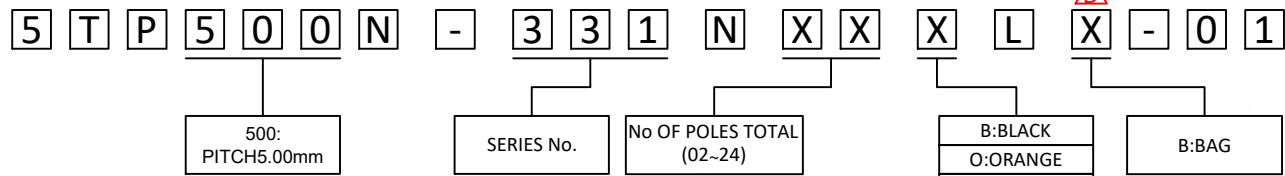
UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	12	-	10
WIRE RANGE	28-14		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

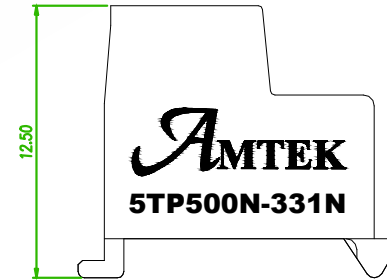
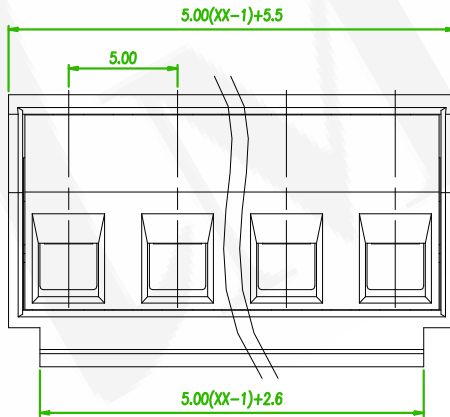
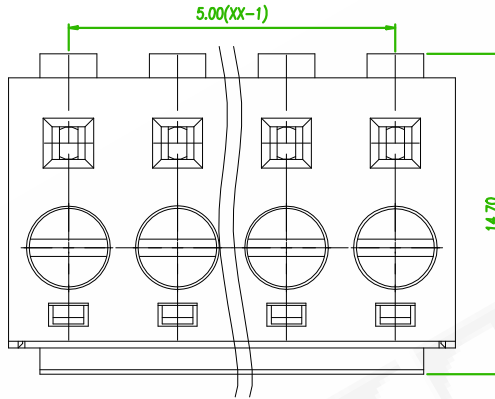
IEC IEC61984

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 <sup>2</sup> )	0.5-1.5		

**ORDER INFORMATION**



B: BLACK	B: BAG
O: ORANGE	
E: GREEN	
U: BLUE	
G: GRAY	
W: WHITE	
N: BROWN	
R: RED	



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	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	2025/02/12
	ECN NO:210508 Add the LOGO	David	2021/06/11
	ECN NO:200718 Revise the Tolerance	Alice	2020/09/16
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.0mm			頁數 Page	1/1
品號 PART NO.	5TP500N-331NXXXLX-01		繪圖 DRAWN	MIA 2017/03/28	
圖號 DRAWING NO.	GN011-MC338	版本 REV.	D	核對 CHECKED	JONNY 2017/03/28
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	AARON 2017/03/28
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION	