

MECHANICAL 
TEMP. RANGE: -40°C ~ +105°C
STEIP LENGTH: 7-8mm
MATERIAL
HOUSING: PA66, UL94V-0
CLAMP: COPPER ALLOY, Sn PLATED

TECHNICAL DATA

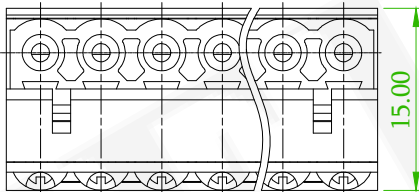
UL/CUL

SAFETY APPROVAL				
USE GROUP	B	C	D	
RATED VOLTAGE (V)	300	-	300	
RATED CURRENT (A)	10	-	10	
WIRE RANGE SOLID/STRANDED (AWG)	28-12			
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 SOLID/FLEXIBLE (mm ²)	0.2-2.5			

ORDER INFORMATION

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

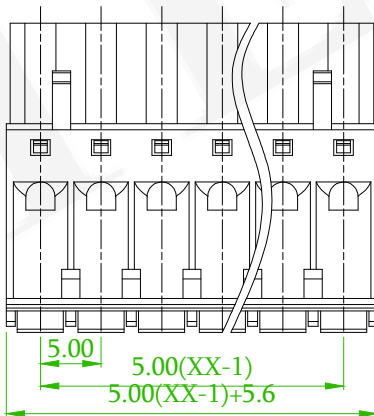
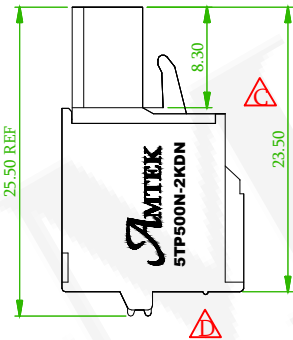
SERIES NO.	POLES (02-24P)	E:GREEN	A:TRAY B:BAG
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AMTEK 糧德

2024.06.14

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

	BPM 2024060601							Gaby	2024/06/06	
	ECN NO.:290936 Revise the drawing							Randy	2023/10/27	
	ECN NO:200718 Revise the Tolerance							Alice	2020/09/15	
REV.	ECN NO. OR DESCRIPTION							REVISED	DATE	



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品名 TITLE	5.0mm Terminal Block				頁數 Page	1/1
品號 PART NO.	5TP500N-2KDNXXELX-01			繪圖 DRAWN	Eric 2018/12/18	
圖號 DRAWING NO.	GN011-EA323	版本 REV.	D	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	THIRD ANGLE PROJECTION		