

MATERIAL 
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
CAGE: COPPER ALLOY, M2/Ni PLATED
SCREW1: STEEL, M2/Zn PLATED, TORQUE: 0.2N.m
SCREW2: STEEL, M2.5/Zn PLATED
CLAMP: COPPER ALLOY, Sn PLATED

MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 6~7mm

TECHNICAL DATA 
UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	8	-	8
WIRE RANGE	28-16		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	630
RATED CURRENT (A)	8	8	8
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION			
SOLID/FLEXIBLE (mm ²)	0.2-1.5		

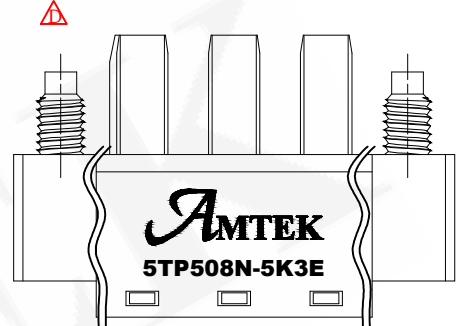
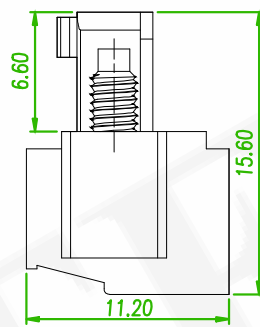
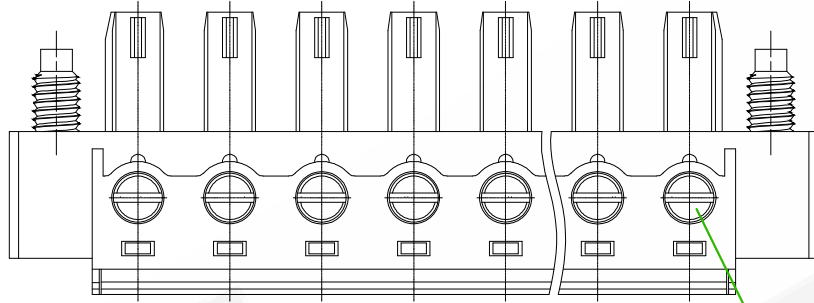
ORDER INFORMATION

5	T	P	5	0	8	N	-	5	K	3	E	X	X	X	L	X	-	0	1
508 PITCH: 5.08mm							SERIES No.			POLES (02-24P)			E: GREEN			A: TRAY B: BAG			

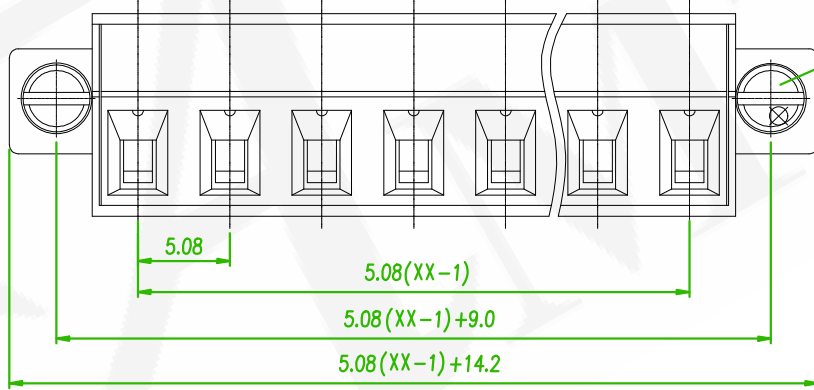
AMTEK 糧德

2025.05.26

Released DCC



BACK VIEW



SCREW 1

SCREW 2



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 250	to 10	over 10 to 100	over 100 to 250
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60

	REC N2505000110 Revise the drawing	Gaby	2025/05/26
	ECN NO: 240348 Revise the drawing	Gaby	2024/09/10
	ECN NO: 200718 Revise the Tolerance	Alice	2020/09/23
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.08mm				頁數 Page	1/1
品號 PART NO.	5TP508N-5K3EXXXLX-01				繪圖 DRAWN	Eric 2018/11/29
圖號 DRAWING NO.	GN011-EA137	版本 REV.	D	核對 CHECKED	Josh 2018/11/29	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/11/29	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		