MECHANICAL

TEMP.RANGE:-40°C~+105°C

MATERIAL

HOUSING: PA66, UL94V-0

CLAMP: COPPER ALLOY ,Sn PLATED

NUT: COPPER ALLOY,M2.5

TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE SOLID/STRANDED (AWG)	-		
WITHSTANDING VOLTAGE	1600V (1MIN)		

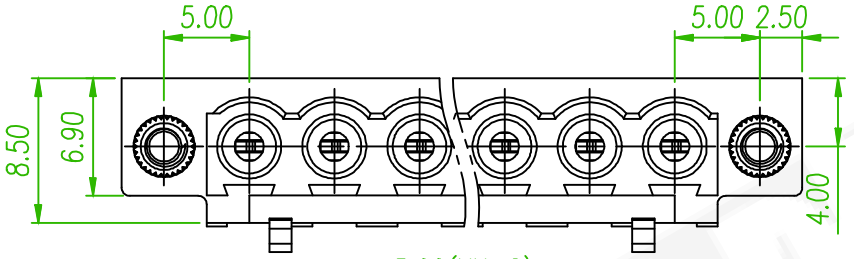
IEC

			IEC61984
OVERVOLTAGE CATEGARY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	320	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)	-		

ORDER INFORMATION

5 T P 5 0 0 S - 2 E B E X X X L X - 0 1

- 2EB: SERIES NO.
- XX: NO OF PINS TOTAL(02-24)
- X: E:GREEN
- X: B:BAG



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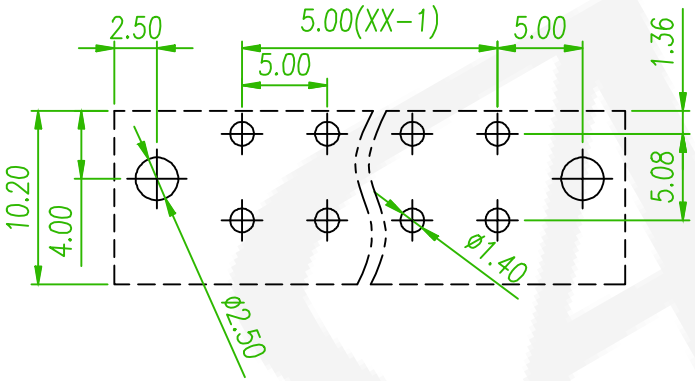
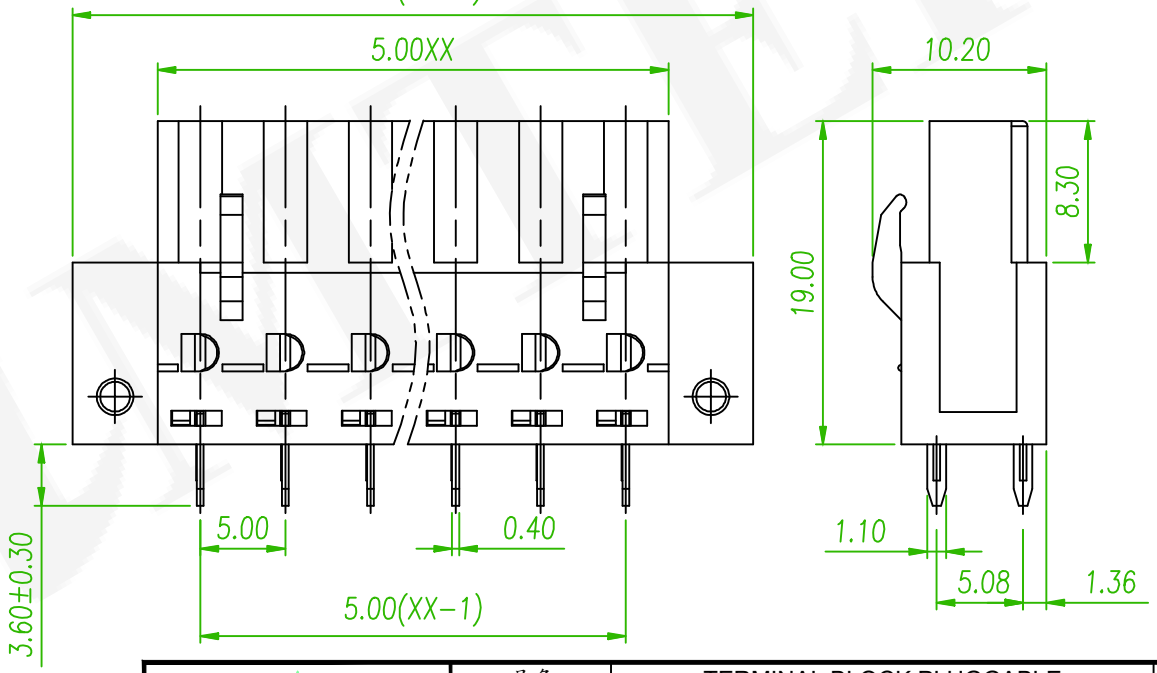
2024.06.06
Released DCC



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



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

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
A	BPM 202401240001	Gaby	2024/05/27

AMTEK
糧德精密有限公司
Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.00mm DIP V/T TYPE			頁數 Page	1/1
品號 PART NO.	5TP500S-2EBEXXXLX-01			繪圖 DRAWN	Gaby 2024/05/27
圖號 DRAWING NO.	GN011-GY706	版本 REV.	A	核對 CHECKED	Josh 2024/05/27
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2024/05/27
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION	