

MECHANICAL

TEMP.RANGE:-40°C~+130°C

MATERIAL

HOUSING: LCP, UL94V-0

PIN: COPPER ALLOY ,Sn PLATED

NUT: COPPER ALLOY,M2.5,Sn PLATED

ORDER INFORMATION

5 T P 5 0 0 R - 2 T H E X X X U X - 0 1

500
PITCH:5.00mm

SERIES NO.

NO OF POLES TOTAL
(02-24)

B:BLACK

B:BAG

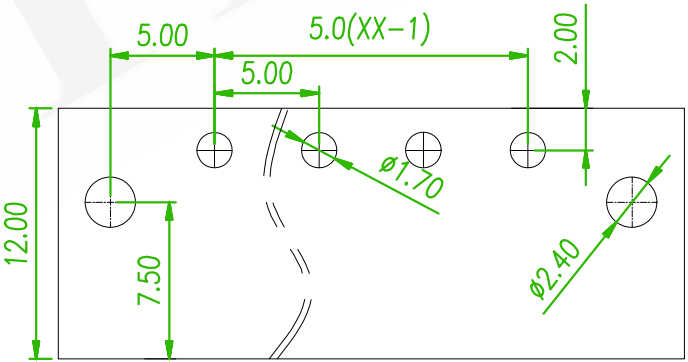
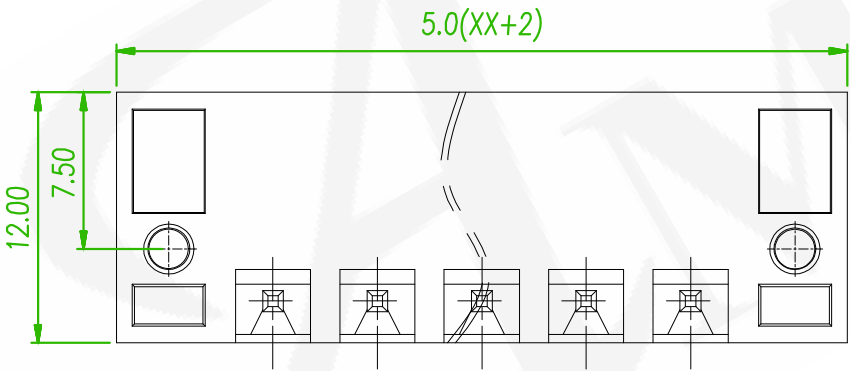
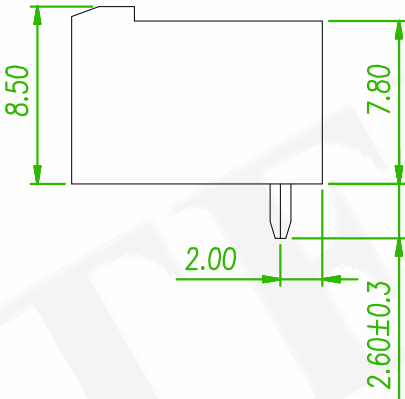
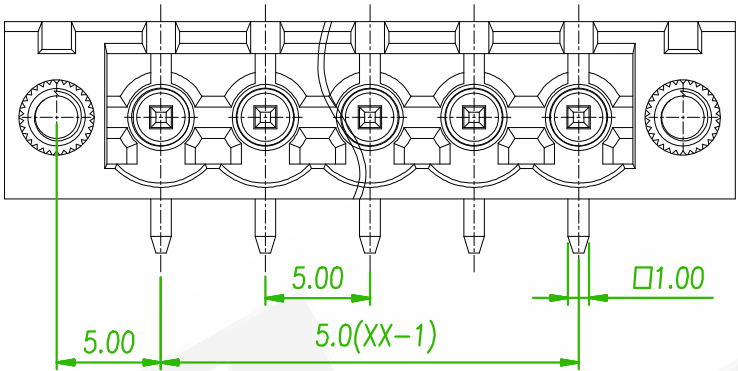
TECHNICAL DATA

UL/CUL

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

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	4	4
CONDUCTOR CROSS SECTION			
SOLID/FLEXIBLE (mm ²)			



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

General Tolerances

General Tolerances										
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.	BPM 202401240001	Gaby	2024/06/05
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

Amtek Technology Co., Ltd.

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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.00mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TP500R-2THEXXXUX-01				繪圖 DRAWN	GABY 2024/06/05
圖號 DRAWING NO.	GN011-GY721	版本 REV.	A	核對 CHECKED	JOSH 2024/06/05	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2024/06/05	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		