

MATERIAL
HOUSING: LCP, UL94V-0
PIN: COPPER ALLOY, Sn PLATED

ORDER INFORMATION

5 T R 5 0 0 M - 1 2 S N X X X U X - 0 1

500
PITCH: 5.00mm

SERIES No.

POLES
(02-24P)

B: BLACK

A: TRAY

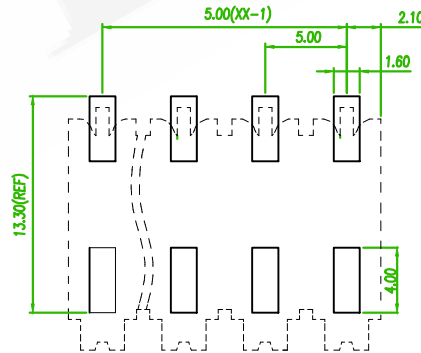
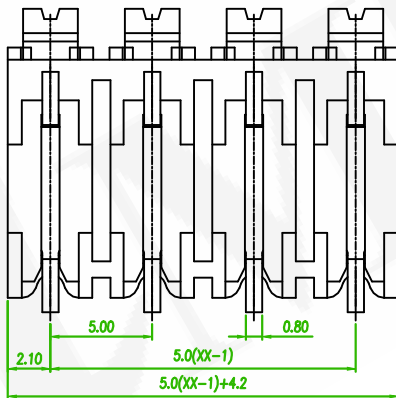
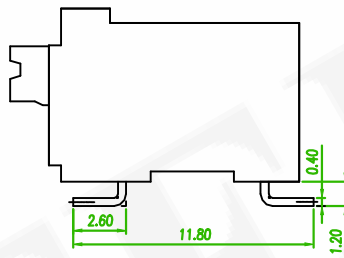
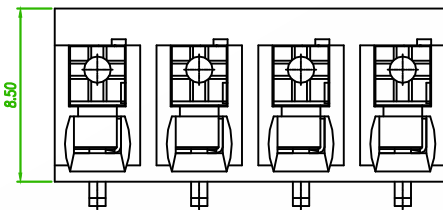
MECHANICAL
OPERATING TEMPERATURE: -40°C~+130°C
STRIPPING LENGTH: 7~8mm

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)	24-16		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC	IEC60947-7-4		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	500
RATED CURRENT (A)	17.5	17.5	17.5
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.2-1.5		



RECOMMENDED PCB LAOUT
(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 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		

△	ECN NO:240348 Revise the drawing	Gaby	2025/02/03
△	ECN NO:231017 Revise the Packaging options	Gaby	2023/10/27
△	ECN NO.: 230714 Revise the PART NO	Randy	2023/09/21
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SPRING 5.0mm SMT R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TR500M-12SNXXXUX-01				繪圖 DRAWN	ERIC 2018/12/27
圖號 DRAWING NO.	GN011-EA409	CUSTOMER REV.	None	核對 CHECKED	JOSH 2018/12/27	
客戶品號 CUSTOMER P/N		版本 REV.	G	承認 APPROVED	JASON 2018/12/27	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		