

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

MECHANICAL
OPERATING TEMPERATURE: -40°C~+130°C
SOLDERING TEMPERATURE: 285°C/10S
STRIPPING LENGTH: 7~8mm

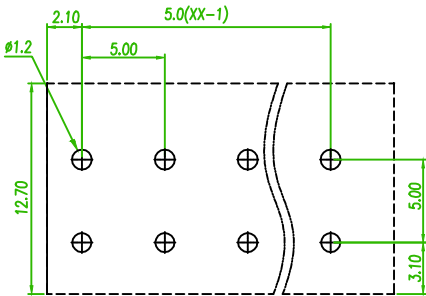
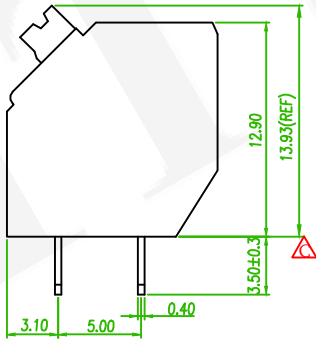
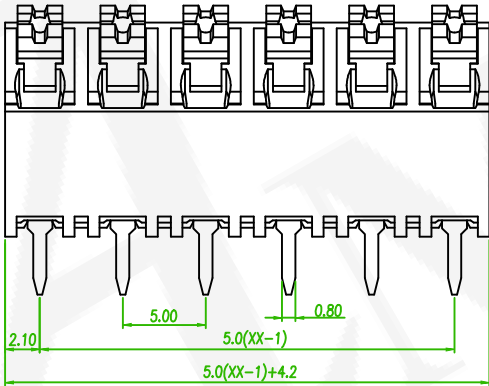
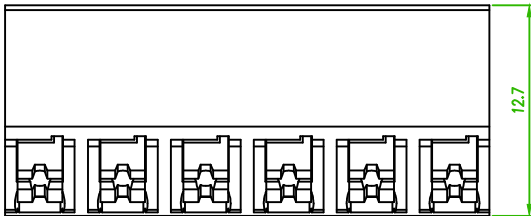
TECHNICAL DATA 
UL/CUL

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	IEC00047-74		
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		

ORDER INFORMATION

5	T	R	5	0	0	L	-	2	1	2	N	X	X	X	U	X	-	0	1
500: PITCH 5.00mm						SERIES No.			NO OF POLES (02~24)			B: BLACK			B: BAG H: T/R W/O CAP X: BOX				



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	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
	ECN NO.: 240824 Revise the drawing							Benson	2024/09/10	
	EasyFlow202311290003: Add the packaging options X:Box							Gaby	2023/11/30	
	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 5.00mm DIP ANGLEO TYPE				頁數 Page	1/1
品號 PART NO.	5TR500L-212NXXXUX-01 				繪圖 DRAWN	Alice 2022/04/19
圖號 DRAWING NO.	GN011-AB202	版本 REV.	D	核對 CHECKED	Josh 2022/04/19	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2022/04/19	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		