

ORDER INFORMATION

MATERIAL

HOUSING: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED

MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 9~10mm

UL/CUL

TECHNICAL DATA ⚠

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	5	-	5
WIRE RANGE SOLID/STRANDED (AWG)	22-18		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC60947-7-4

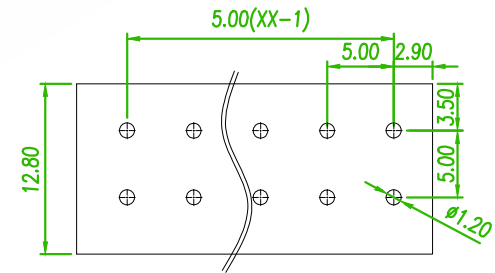
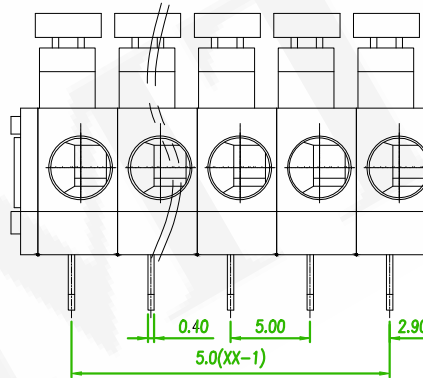
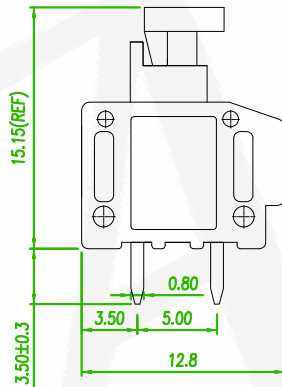
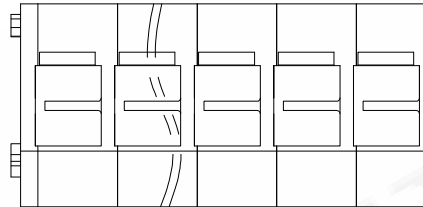
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	630
RATED CURRENT (A)	17.5	17.5	17.5
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.5-1.5/0.75-1.5		

5 T R 5 0 0 R - 2 3 5 N X X X L X - 0 1

NO OF POLES TOTAL
(01~30P)

G: GRAY ⚠

B: BAG ⚠
A: TRAY



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

⚠	ECN-202601002	Oliver	2026/01/15
⚠	ECN NO.: 240348 Revise the drawing	Gaby	2024/11/19
⚠	ECN NO.: 230714 Revise the PART NO	Benson	2023/09/19
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SPRING 5.00mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	⚠ 5TR500R-235NXXXLX-01			繪圖 DRAWN	Mia 2016/09/09	
圖號 DRAWING NO.	GN011-RR346	版本 REV.	H	核對 CHECKED	Jonny 2016/09/09	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Aaron 2016/09/09	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		