

OPERATING TEMPERATURE: -40°C~105°C
SOLDERING TEMPERATURE: 260°C/5 SEC
STRIPPING LENGTH: 8mm

HOUSING: NYLON 66,UL94-V0
PIN: COPPER ALLOY,S_n PLATED
SCREW: STEEL,M3,TORQUE:0.5N.m
CAGE: COPPER ALLOY,M3/Ni PLATED
COVER: NYLON 66,UL94-V0
CLAPBOARD: NYLON 66,UL94-V0

UL/CUL

SAFETY APPROVAL				
USE GROUP		B	C	D
RATED VOLTAGE (V)	600	600	60	
RATED CURRENT (A)	30	30	5	
WIRE RANGE SOLID/STRANDED (AWG)	24-10			
WITHSTANDING VOLTAGE	2200V (1MIN)			

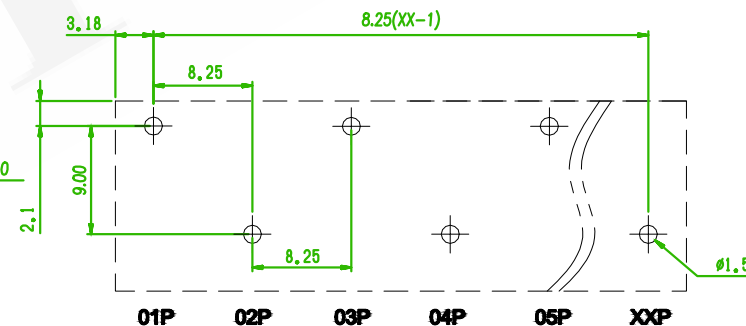
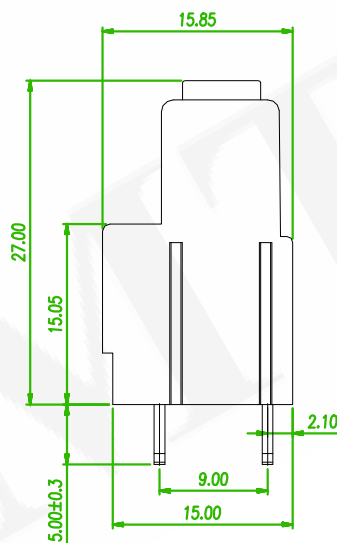
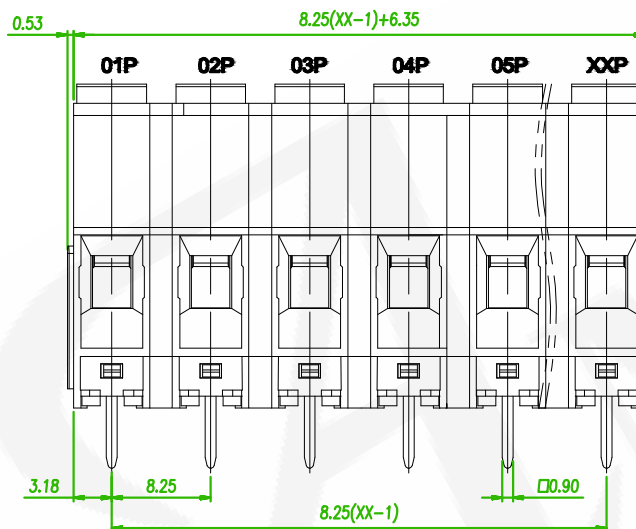
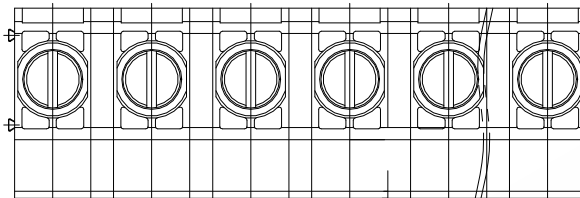
SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	800	1000	1000
RATED CURRENT (A)	41	41	41
IMPULSE WITHSTANDING VOLTAGE (kV)	8.0	8.0	8.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.2-6.0		

5 T S 8 2 5 S - 6 V K N X X X L X - 0 1

825:
PITCH8 25mm

NO OF POLES TOTAL (02~12)	
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B:BAG



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

linear dimension(Tolerances Standard GB/T 14486-2008)

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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



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品名 TITLE	TERMINAL BLOCK PCB SCREW 8.25mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS825S-6VKNXXXLX-01			繪圖 DRAWN	RANDY 2024/05/02	
圖號 DRAWING NO.	GN011-RD367	版本 REV.	A	核對 CHECKED	JOSH 2024/05/02	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2024/05/02	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		

Released DCC

Randy

2024/05/02

ECN NO. OR DESCRIPTION

REVISÉ

DATE _____