

MECHANICAL

TEMP. RANGE: -40°C ~+105°C
STRIP LENGTH: 6-7mm
SOLDERING TEMPERATURE: 260°C/5S
MATERIAL
HOUSING: PA66, UL94V-0
COVER: PA66, UL94V-0
SCREWS: STEEL M2.5 ,TORQUE:0.4Nm
PIN: COPPER ALLOY Sn PLATED
CAGE: COPPER ALLOY,M2.5/Ni PLATED

ORDER INFORMATION

5 T S 5 0 0 S - 1 2 5 N X X X L X - 0 1

500
PITCH:5.00mm

SERIES NO.

POLES
(02-24P)

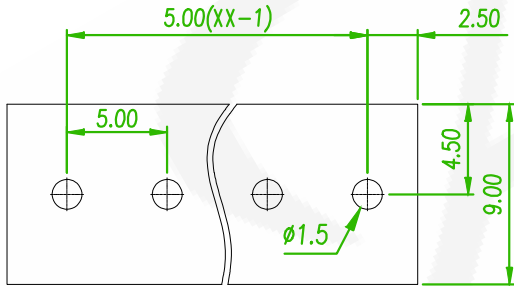
E:GREEN

B:BAG

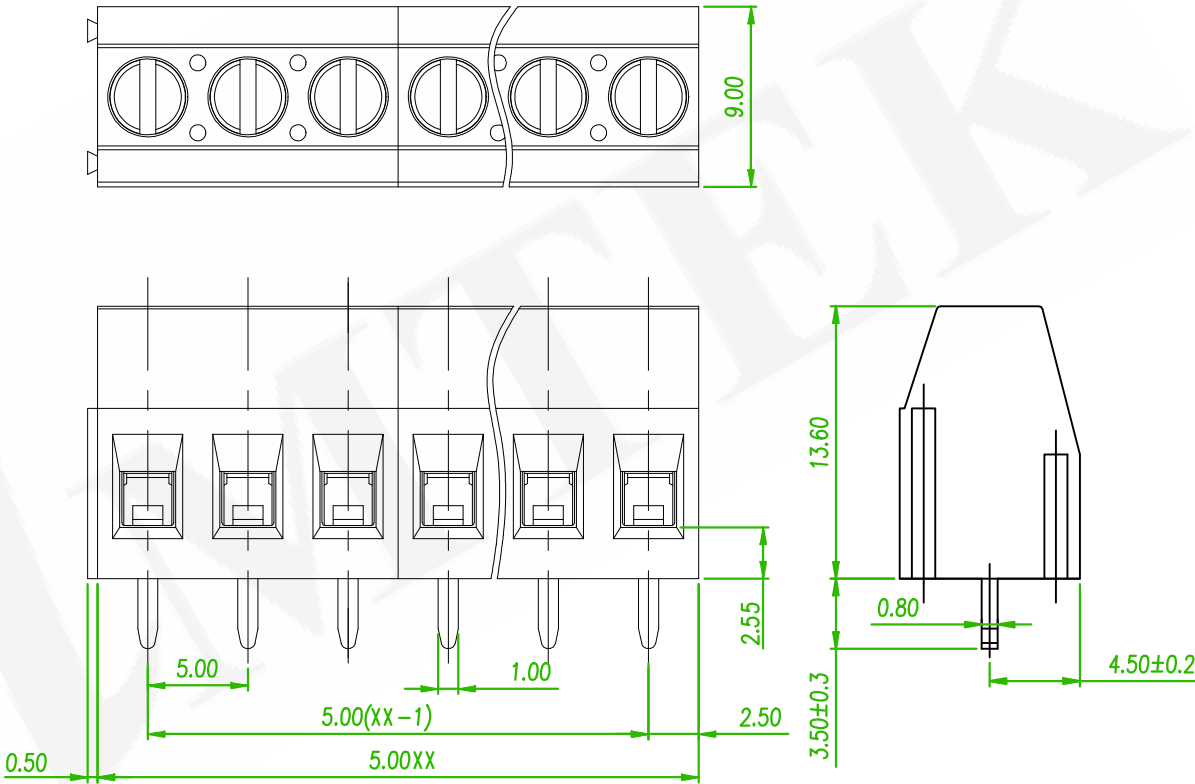
TECHNICAL DATA

SAFETY APPROVAL	UL/CUL		
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	16	-	10
WIRE RANGE	22-12		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC	IEC 60947-7-4		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	18	18	18
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION	0.2-2.5		
SOLID/FLEXIBLE (mm²)			



RECOMMENDED PCB LAYOUT
(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 10
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30

REV.	ECN NO.: 240348 Revise the drawing	Gaby	2024/04/30
	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SCREW 5.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-125NXXXLX-01				繪圖 DRAWN	DAVID 2019/11/14
圖號 DRAWING NO.	GN011-DV487	版本 REV.	C	核對 CHECKED	JOSH 2019/11/14	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2019/11/14	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		