

ORDER INFORMATION

5 T S 5 0 0 L - 1 0 3 N X X X L X - 0 1

MECHANICAL

STRIP LENGTH: 6~7mm
TEMP. RANGE: -40°C ~ +105°C
MAX SOLDERING: +260°C, FOR 5SEC

MATERIAL

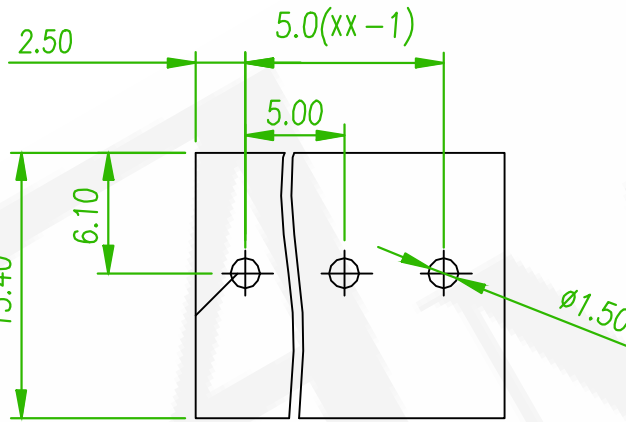
HOUSING: PA66, UL94V-0
SCREWS: M2.5, STEEL, Zn PLATED, TORQUE: 0.4Nm
PIN: COPPER ALLOY, Sn PLATED
CAGE: COPPER ALLOY, Ni PLATED

UL/CUL

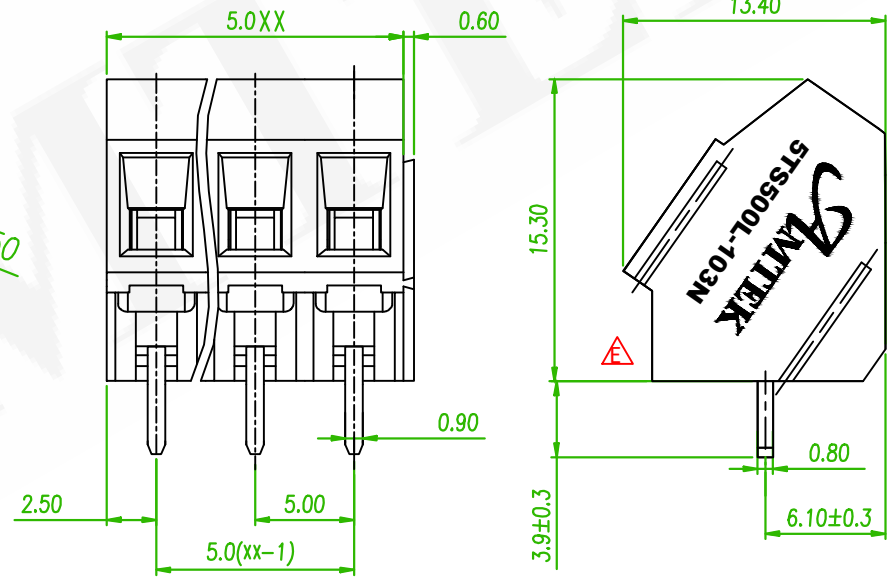
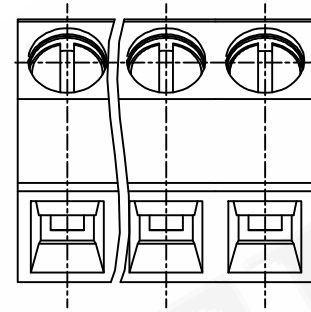
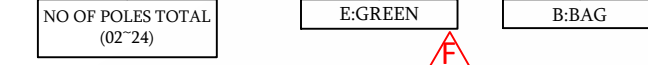
TECHNICAL DATA

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	16	-	10
WIRE RANGE SOLID/STRANDED (AWG)	24-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		

SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	24	24	24
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²)	0.5-2.5		



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	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-202601002	Oliver	2026/01/16
	RECN2502000129	Gaby	2025/02/24
	ECN NO.: 240348 Revise the drawing	Gaby	2024/05/02
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SCREW 5.0mm DIP ANGLED TYPE				頁數 Page	1/1
品號 PART NO.	5TS500L-103NXXXLX-01				繪圖 DRAWN	MIA 2016/10/18
圖號 DRAWING NO.	GN011-MC184	版本 REV.	F	核對 CHECKED	JONNY 2016/10/18	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	AARON 2016/10/18	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		