

MATERIAL

HOUSING: NYLON66, UL94V-0

COVER: NYLON66, UL94V-0

PIN: COPPER ALLOY, Sn PLATED

ORDER INFORMATION

5 T P 3 8 1 S - 5 E H N X X X L X - 0 1

381
PITCH: 3.81mm

SERIES No.

NO OF POLES TOTAL
(04~48P)

E: GREEN

A: TRAY
B: BAG

MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C

SOLDERING TEMPERATURE: 260°C/5S

TECHNICAL DATA

UL/CUL

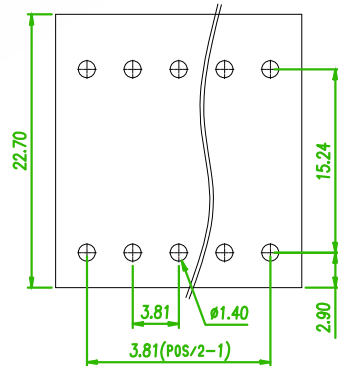
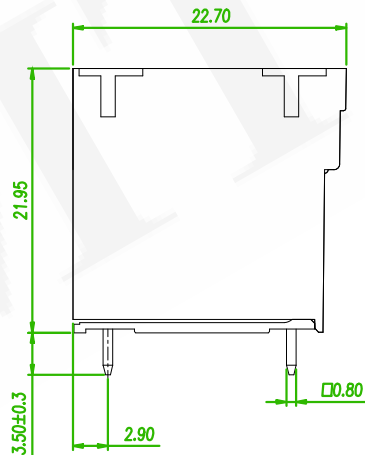
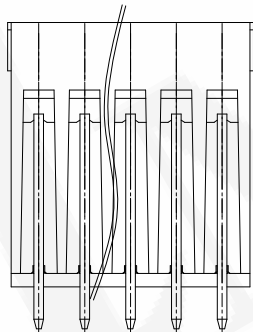
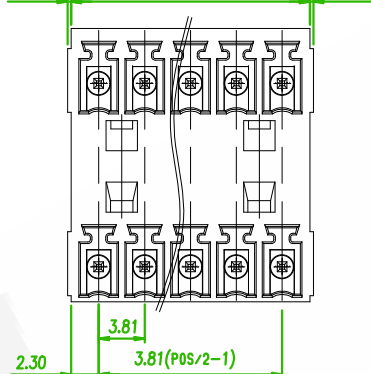
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	8	-	8
WIRE RANGE	-		
SOLID/STRANDED (AWG)	-		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

IEC61984

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	160	160	250
RATED CURRENT (A)	7	7	7
IMPULSE WITHSTANDING VOLTAGE (KV)	2.5	2.5	2.5
CONDUCTOR CROSS SECTION	-		
SOLID/FLEXIBLE (mm ²)	-		

0.30 3.81(P0S/2-1)+4.6 0.30



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



ECN NO:240348 Revise the drawing

Gaby

2024/10/15



ECN NO:220814 Revise the PART NO.

Tim

2022/09/16



ECN NO:200718 Revise the Tolerance

Alice

2020/09/10

REV.

ECN NO. OR DESCRIPTION

REVISED

DATE



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品名 TITLE	TERMINAL BLOCK PLUGGABLE 3.81mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TP381S-5EHNXXXLX-01				繪圖 DRAWN	ERIC 2018/12/17
圖號 DRAWING NO.	GN011-EA302	版本 REV.	D	核對 CHECKED	JOSH 2018/12/17	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/17	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		