

MATERIAL

HOUSING: NYLON66, UL94V-0

PIN: COPPER ALLOY, Sn PLATED

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

SAFETY APPROVAL			
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)	-		

ORDER INFORMATION

5 T P 3 8 1 R - 5 E C N X X X L X - 0 1

381:
Pitch 3.81mm

Series No.

No OF POLES TOTAL
(02~24)

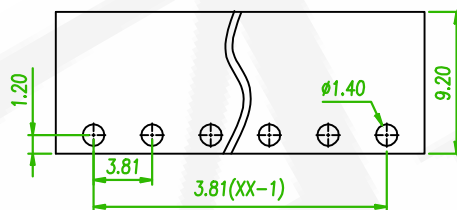
G: Gray	O: Orange
U: Blue	R: Red
B: Black	T: Trans-parent
E: Green	N: Brown
	W: White

B: Bag

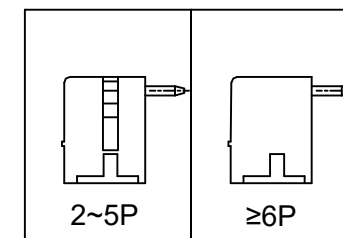
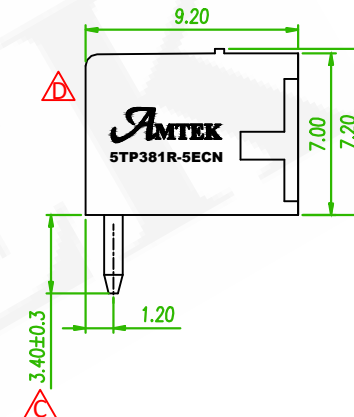
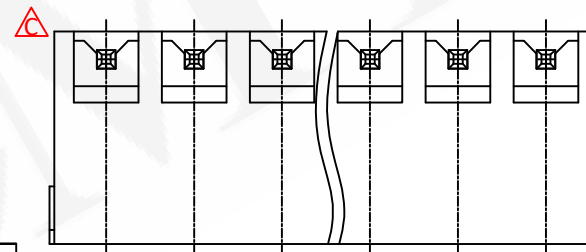
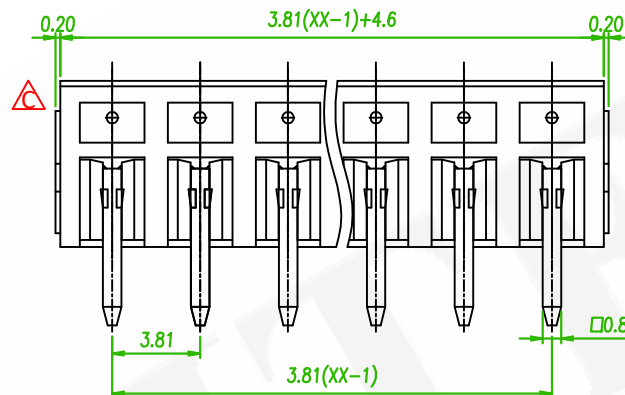
AMTEK 懽德

2025.02.19

Released DCC



RECOMMENDED PCB LAOUT
(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 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 revies the drawing

Gaby

2025/01/24



Add the Logo

Alice

2023/05/25



ECN NO:221119 Revise the drawing

Alice

2022/12/14



ECN NO. OR DESCRIPTION

REVISED

DATE



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品名 TITLE	TERMINAL BLOCK PLUGGABLE 3.81mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TP381R-5ECNXXXLX-01				繪圖 DRAWN	MIA 2016/10/18
圖號 DRAWING NO.	GN011-AL342	版本 REV.	E	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		