

MATERIAL
HOUSING: NYLON66, UL94V-0
CLAMP: 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	IEC61984		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	160	160	320
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 G A N X X X L X - 0 1

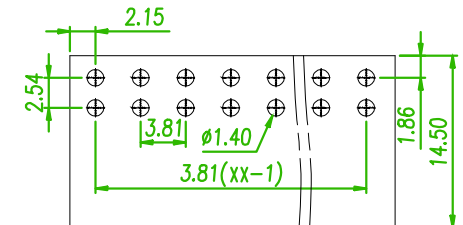
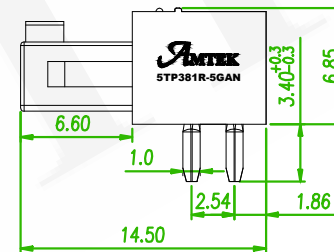
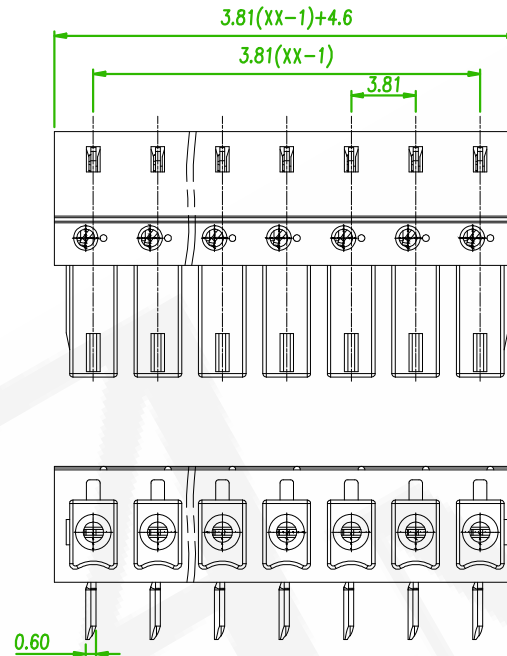
381:
PITCH 3.81mm

SERIES No.

No OF POLES TOTAL
(02~24)

B:BLACK
O:ORANGE
E:GREEN
U:BLUE
G:GRAY

B:BAG
R:TAPE&REEL



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 10	over 10 to 100	over 100 to 100
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30

△	ECN NO:240348 Revise the drawing	Gaby	2025/01/21
△x1	Add the Logo	Alice	2023/05/25
△x1	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 R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TP381R-5GANXXLX-01				繪圖 DRAWN	ROY 2015/09/02
圖號 DRAWING NO.	GN011-MC387	版本 REV.	E	核對 CHECKED	WANLING 2015/09/02	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOHN 2015/09/02	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		