
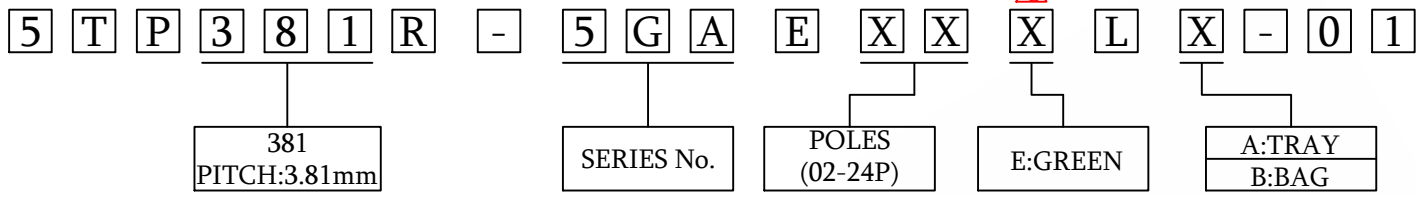


MATERIAL 
 HOUSING: NYLON66, UL94V-0
 CLAMP: COPPER ALLOY, Sn PLATED
 NUT: COPPER ALLOY, M2.5


ORDER INFORMATION

AMTEK 糧德
 2025.02.20
 Released DCC

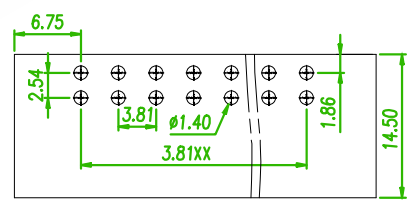
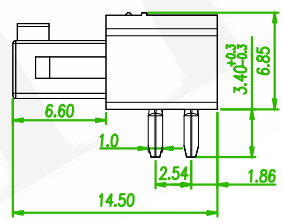
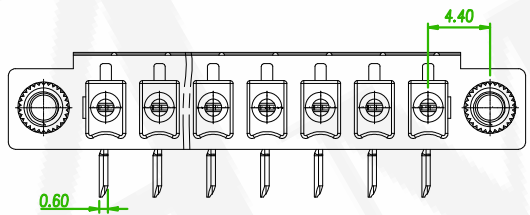
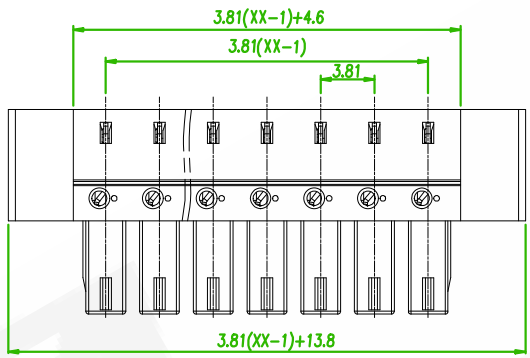
MECHANICAL
 OPERATING TEMPERATURE: -40°C~+105°C
 SOLDERING TEMPERATURE: 260°C/5S



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	IEC61964		
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)	-		



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	0.60

	ECN NO:240348 Revise the drawing	Gaby	2024/08/28
	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-5GAEXXXLX-01			繪圖 DRAWN	Eric 2018/11/29	
圖號 DRAWING NO.	GN011-EA124	版本 REV.	C	核對 CHECKED	Josh 2018/11/29	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/11/29	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION	