

MATERIAL
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
SHORT PIN: COPPER ALLOY, Sn PLATED
LONG PIN: COPPER ALLOY, Sn PLATED
NUT: COPPER ALLOY, M2.5

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)	-		

ORDER INFORMATION

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

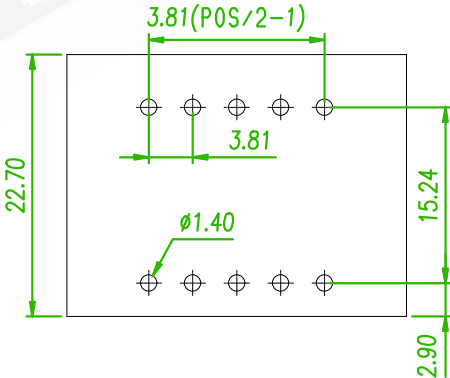
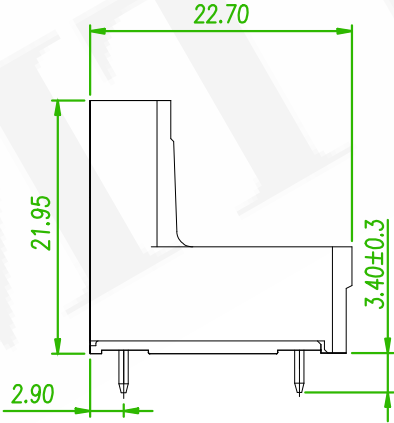
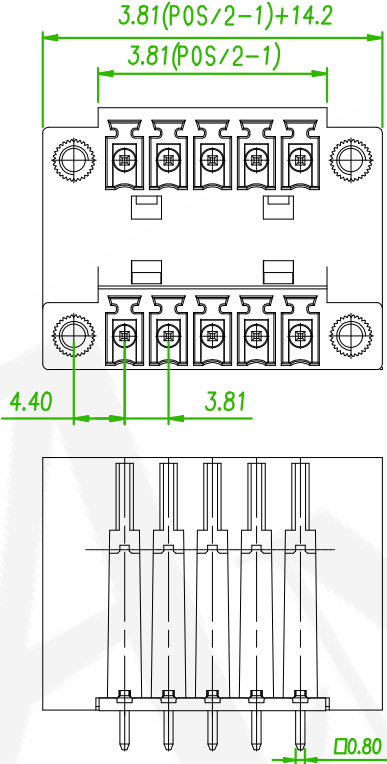
381
PITCH: 3.81mm

SERIES No.

NO OF POLES TOTAL
(04~48P)

E: GREEN

A: TRAY
B: BAG



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 300	to 10	over 10 to 100	over 100 to 300
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	2024/09/18
	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


糧德精密有限公司
Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK PLUGGABLE 3.81mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TP381S-5DTEXXXLX-01				繪圖 DRAWN	ERIC 2018/12/14
圖號 DRAWING NO.	GN011-EA295	版本 REV.	D	核對 CHECKED	JOSH 2018/12/14	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/14	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		