

MATERIAL ⚠

HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED
CAGE: COPPER ALLOY, M2/Ni PLATED
SCREW: STEEL, M2.5/Zn PLATED
NUT: COPPER ALLOY, M2.5

MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C
STRIPPING LENGTH: 6~7mm

TECHNICAL DATA ⚠

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	8	-	8
WIRE RANGE	28-16		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

IEC 60954

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	0.5-1.5		
SOLID/FLEXIBLE (mm ²)			

ORDER INFORMATION

5 T P 3 8 1 N -

381
PITCH: 3.81mm

5 G B E X X

SERIES No.

POLES
(02-24P)

⚠ X L

E: GREEN

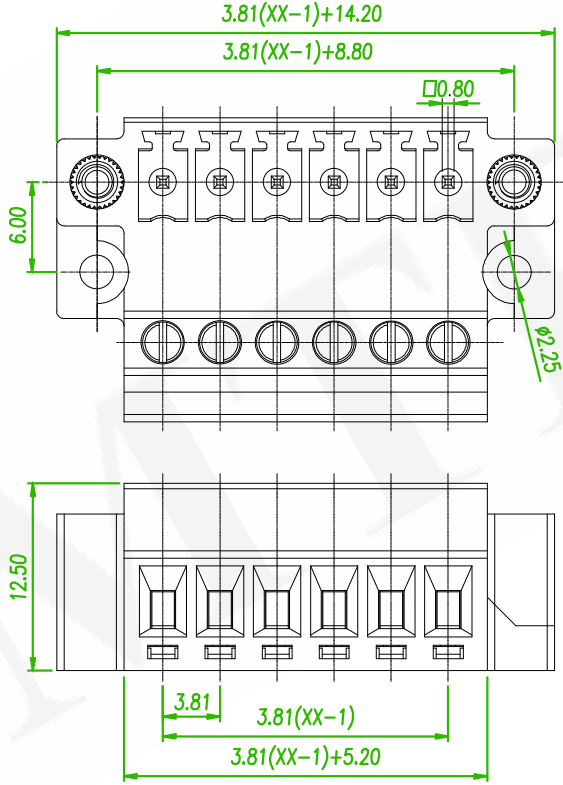
⚠ X - 0 1

A: TRAY
B: BAG

AMTEK 糧德

2025.02.18

Released DCC



linear dimension (Tolerances Standard GB/T 14486-2008)



variable	to	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to	to 10	over 10 to 100	over 100 to
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	2024/08/23
⚠	ECN NO: 230714 Revise the PART NO.	Gaby	2023/09/21
⚠x2	ECN NO: 201215 Revise the PART NO.	Alice	2020/12/30
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				頁數 Page	1/1
品號 PART NO.	5TP381N-5GBEXXXLX-01				繪圖 DRAWN	ERIC 2018/12/06
圖號 DRAWING NO.	GN011-EA212	版本 REV.	E	核對 CHECKED	JOSH 2018/12/06	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/06	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		