

MATERIAL

HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
SCREW:M2,TORQUR:0.2N.m
SCREW1: STEEL,M2,,Zn PLATED,TORQUE:0.2N.m
SCREW2: STEEL,M2.5,Zn PLATED
CAGE: COPPER ALLOY,M2/Ni PLATED
CLAMP: COPPER ALLOY,Sn PLATED

SPECIFICATION

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
WITHSTANDING VOLTAGE	1600V (1MIN)		
WIRE RANGE	28-16		
SOLID/STRANDED [AWG]			

IEC			
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 [mm²]	0.2-1.5		

ORDER INFORMATION

5 T P 3 8 1 N - 2 K L E X X X L X - 0 1

381:
PITCH3.81mm

SERIES NO.

NO OF POLES TOTAL
(02-24)

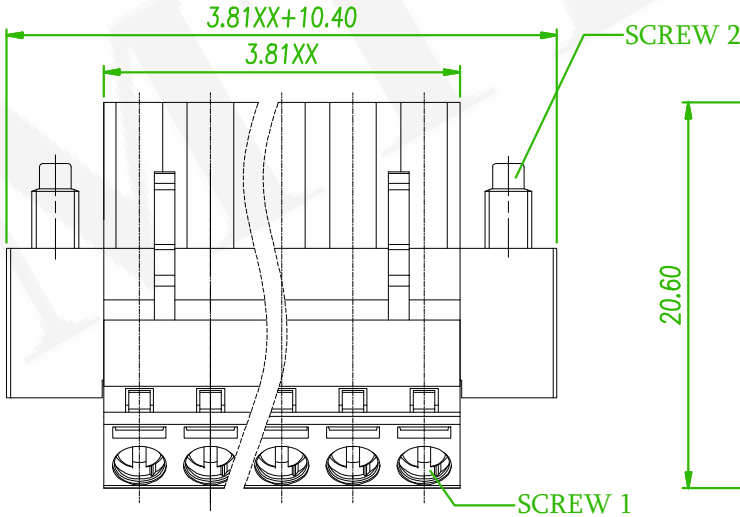
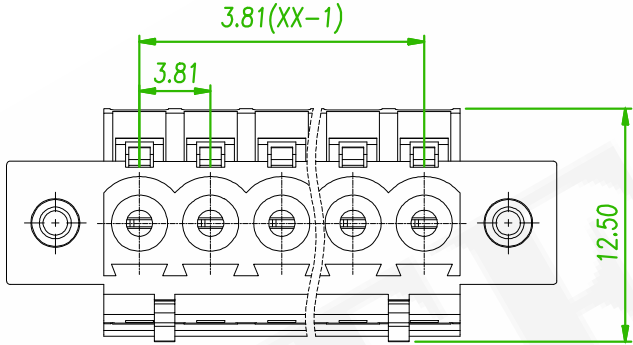
E:GREEN

B:BAG

AMTEK 懽德

2025.06.24

Released DCC



General Tolerances

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	to 10	over 10 to 100	over 100 to 250
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60

REV.	BPM NO.:202401240001	Randy	2024/06/19
	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PLUGGABLE 3.81mm				頁數 Page	1/1
品號 PART NO.	5TP381N-2KLEXXXLX-01			繪圖 DRAWN	RANDY 2024/06/19	
圖號 DRAWING NO.	GN011-RD573	版本 REV.	A	核對 CHECKED	JOSH 2024/06/19	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2024/06/19	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		