

MECHANICAL

TEMP.RANGE:-40°C~+105°C
SOLDERING TEMPERATURE: 260°C/5S
MATERIAL
HOUSING: PA66, UL94V-0
PIN: COPPER ALLOY ,Sn PLATED

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

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)	-		

ORDER INFORMATION

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

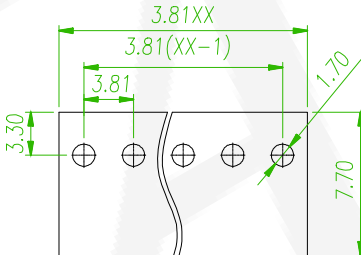
SERIES NO.

NO OF PINS
TOTAL(02-24)

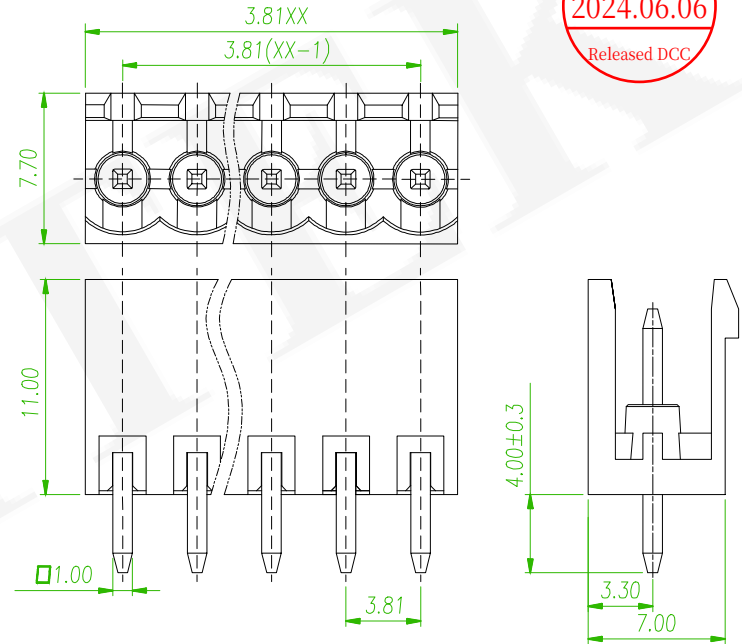
E:GREEN

B:BAG

AMTEK 糧德
2024.06.06
Released DCC



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



General Tolerances

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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	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

△	BPM 202401240001										Gaby	2024/05/29	
REV.	ECN NO. OR DESCRIPTION										REVISED	DATE	



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品名 TITLE	TERMINAL BLOCK PLUGGABLE 3.81mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TP381S-2EVNXXXLX-01			繪圖 DRAWN	Gaby	
圖號 DRAWING NO.	GN011-GY709			版本 REV.	A	核對 CHECKED
客戶品號 CUSTOMER P/N				比例 SCALE	None	承認 APPROVED
公差 TOLERANCE				單位 UNIT	mm	THIRD ANGLE PROJECTION