

MATERIAL

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

MECHANICAL

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

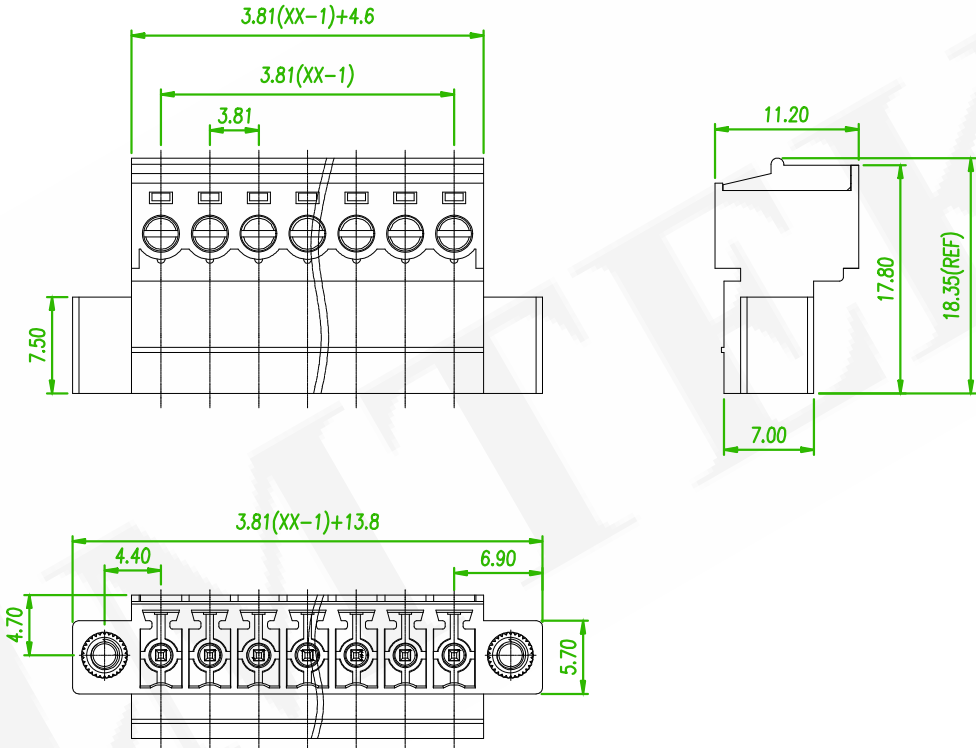
TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	8	-	8
WIRE RANGE SOLID/STRANDED (AWG)	28-16		
WITHSTANDING VOLTAGE	1600V (1MIN)		
IEC	IEC61984		
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 (mm²)	0.5-1.5		

ORDER INFORMATION

5	T	P	3	8	1	N	-	5	E	R	E	X	X	X	L	X	-	0	1
381: PITCH3.81mm							SERIES No.					No OF POLES TOTAL (02~24)		E:GREEN		B:BAG			



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
REV.	ECN NO. OR DESCRIPTION							REVISED	DATE	
	ECN NO:240348 Revise the drawing							Gaby	2025/02/11	
	ECN NO:200718 Revise the Dimension							Alice	2020/09/09	

 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-5EREXXXLX-01				繪圖 DRAWN	MIA 2017/03/15
	圖號 DRAWING NO.	GN011-MC317	版本 REV.	C	核對 CHECKED	JONNY 2017/03/15	
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	AARON 2017/03/15	
	公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		