MATERIAL
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
SCREW:STEEL,M2.5/Zn PLATED,TORQUE:0.4N.m
CLAMP:STEEL,Zn PLATED
CAGE:STEEL,M2.5/Zn PLATED
PIN:COPPER ALLOY,Sn PLATED

MECHANICAL
OPERATING TEMPERATURE:-40°C~+105°C
SOLDERING TEMPERATURE:260°C/5S
STRIPPING LENGTH:12~13mm

TECHNICAL DATA
UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE SOLID/STRANDED (AWG)	26-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

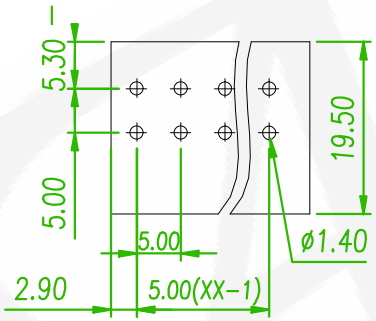
SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	24	24	24
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm^2)	0.5-2.5		

ORDER INFORMATION

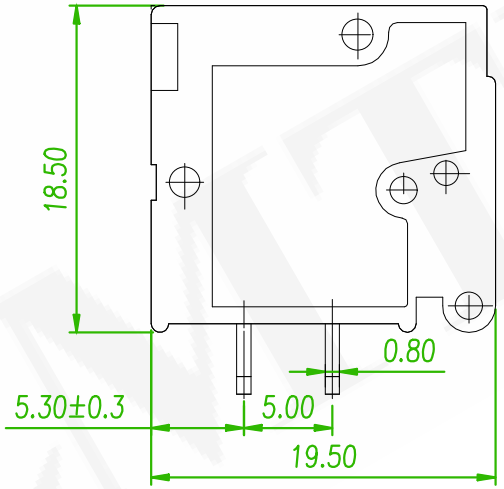
5 T S 5 0 0 R - 1 0 5 N X X △C X △C X - 0 1

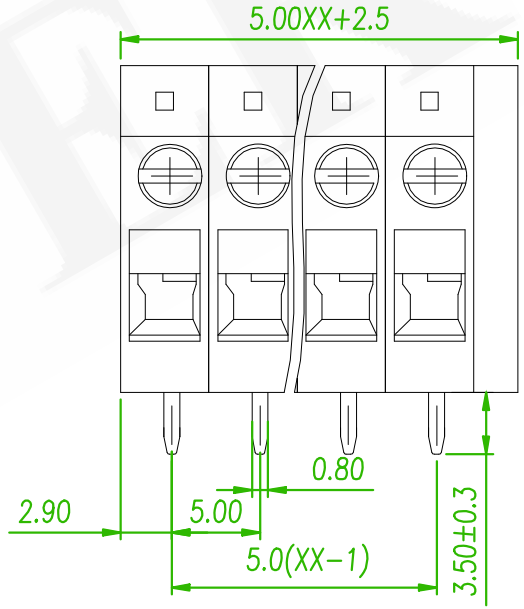
- 500: PITCH 5.00mm
- SERIES No.
- No OF POLES TOTAL (01~30)
- △C E:GREEN
- △C B:BAG

AMTEK糧德
2025.04.14
Released DCC



RECOMMENDED PCB LAOUT
(PCB TOLERANCE ±0.05)





△B

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	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

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
△C	ECN NO:240348 Revise the drawing	Gaby	2025/02/12
△B x1	ECN NO:200718 Revise the Tolerance	Alice	2020/12/07

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 PCB SCREW 5.0mm DIP R/A TYPE			頁數 Page	1/1
品號 PART NO.	5TS500R-105NXXXLX-01			繪圖 DRAWN	MIA 2016/05/31
圖號 DRAWING NO.	GN011-AL621	版本 REV.	C	核對 CHECKED	WANLING 2016/05/31
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOHN 2016/05/31
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION	