

ELECTRICAL

Standard: UL
Rated Voltage: 300V
Rated Current: 20A
Contact Resistance: 20mΩ
Withstanding Voltage: AC 2000V for one min
Insulation Resistance: 500MΩ
Wire range: 22-12AWG 4.0mm²

MECHANICAL

Temp. Range: -40°C ~ +105°C
Torque: 1.2Nm

MATERIAL

Housing: PA66, UL94V-0
Screws: M4.0 Steel Ni plated
Pin header: Copper alloy, Tin plated
Cover: PC, UL94V-2

ORDER INFORMATION

5 T B 9 5 0 S - 4 8 H N X X B L X - W 1

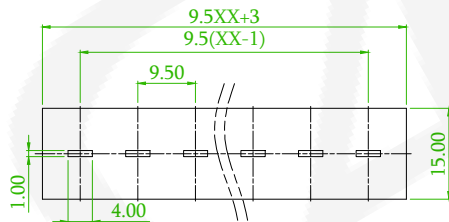
Series No.

Poles
(02-22P)

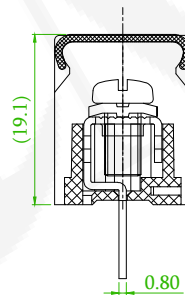
B:Black

A:Tray
B:Bag

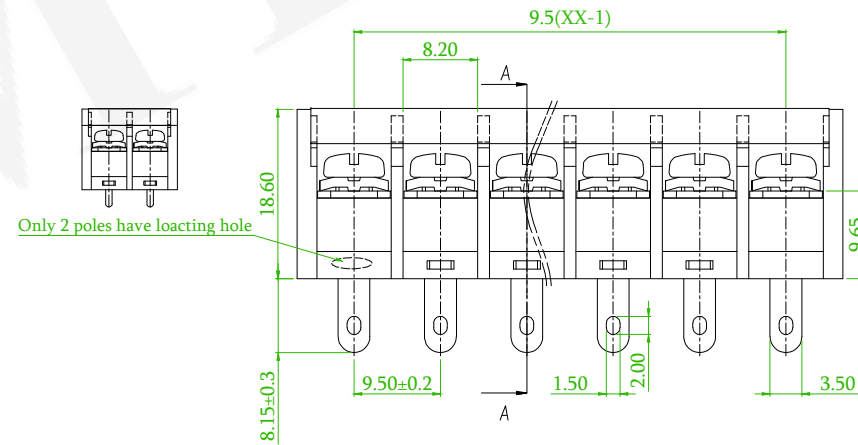
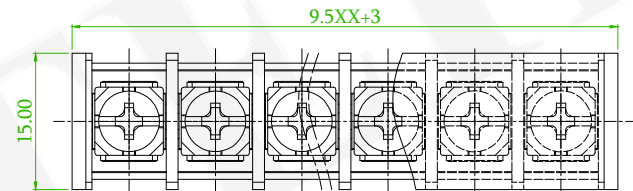
AMTEK 糧德
2020.12.25
Released DCC



Recommended PCB Layout



SECTION A-A



Only 2 poles have loacting hole



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

3 ECN NO:200718 Revise the Tolerance & ECN NO:201211 Revise the PART NO.

Alice 2020/12/23

1 ECN 200102: Remove the IEC

David 2020/06/06

REV. ECN NO. OR DESCRIPTION

REVISED

DATE



糧德精密有限公司
Amtek Technology Co., Ltd.

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品名 TITLE	9.5mm Terminal Block				頁數 Page	1/1
品號 PART NO.	 5TB950S-48HNXXBLX-W1				繪圖 DRAWN	Eric 2019/01/11
圖號 DRAWING NO.	GN011-EA551		版本 REV.	C	核對 CHECKED	Josh 2019/01/11
客戶品號 CUSTOMER P/N			比例 SCALE	None	承認 APPROVED	Jason 2019/01/11
公差 TOLERANCE			單位 UNIT	mm	THIRD ANGLE PROJECTION	