

ELECTRICAL

Standard: UL IEC
Rated Voltage: 250V 250V
Rated Current: 16A 17.5A
Contact Resistance: 20mΩ
Insulation Resistance: 500MΩ/DC500V
Wire Range: 22~14AWG 1.5mm²
Withstanding Voltage: AC 2000V for one minute

MECHANICAL

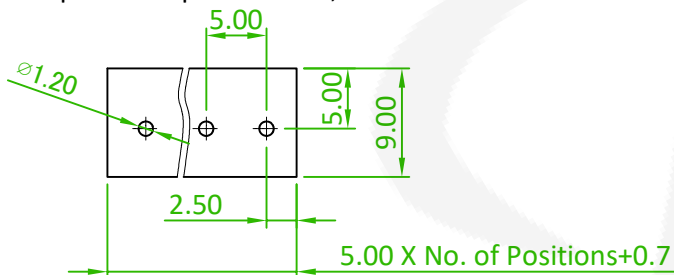
Torque: 0.5Nm (4.5Lb.in)
Steep Length: 4-4.5mm
Temp. Range: -30°C~+120°C
Max Soldering: +250°C, for 5 Sec

DIMENSIONS

Pitch: 5.0mm
Poles: 2-24P

MATERIAL

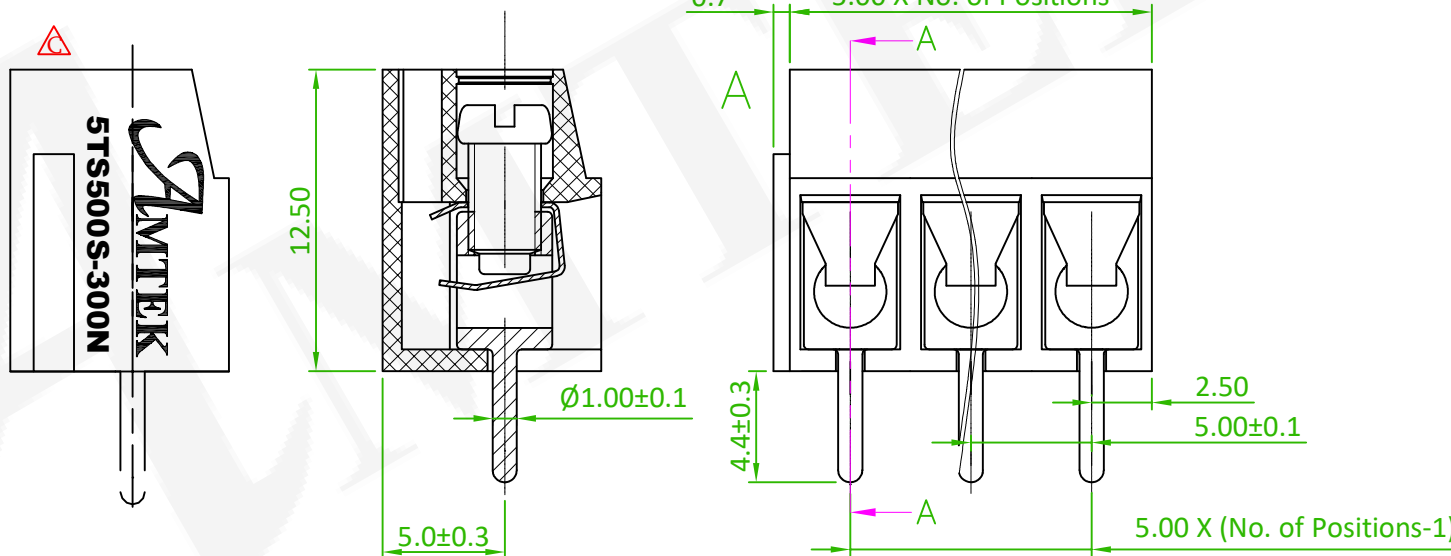
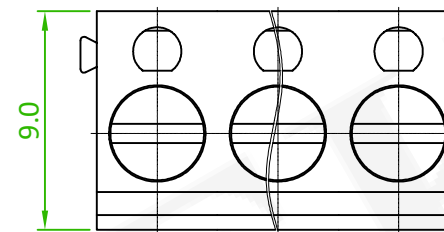
Housing: PA66, UL94V-0
Screws: M3.0, Steel Zn Plated
Pin header: Copper alloy, Tin plated
Shrapnel: Phosphor bronze, Ni Plated



P.C.B. LAYOUT

ORDER INFORMATION

5	T	S	5	0	0	S	-	3	0	0	N	X	X	X	L	B	-	0	1
500: Pitch 5.00mm							Series No.			No of Pins total			G: Gray U: Blue			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

△x1	Add the Amtek Logo	Benson	2023/04/13
△x1	ECN NO: 200718 Revise the Tolerance	Alice	2020/12/07
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE


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品名 TITLE	Terminal Block				頁數 Page	1/1
品號 PART NO.	5TS500S-300NXXXLB-01				繪圖 DRAWN	Mia 2017/01/19
圖號 DRAWING NO.	GN011-MC235	版本 REV.	C	核對 CHECKED	Jonny 2017/01/19	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Aaron 2017/01/19	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		