

ELECTRICAL

Standard: UL
 Rated Voltage: 300V
 Rated Current: 15A
 Contact Resistance: 20mΩ
 Withstanding Voltage: AC 2000V for one min
 Insulation Resistance: 500MΩ
 Wire range: 22-14AWG 1.5mm²

MECHANICAL

Temp. Range: -40°C ~ +105°C
 Torque: 0.5Nm

MATERIAL

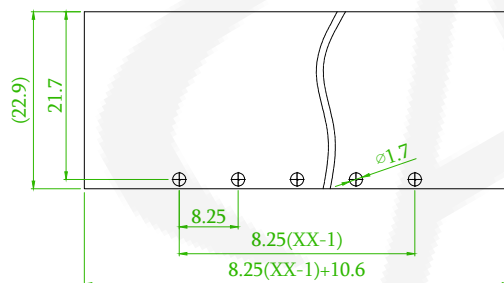
Housing: PA66, UL94V-0
 Screws: M3.0 Steel Ni plated
 Pin header: Copper alloy, Tin plated
 Cover: PC, UL94V-2

ORDER INFORMATION

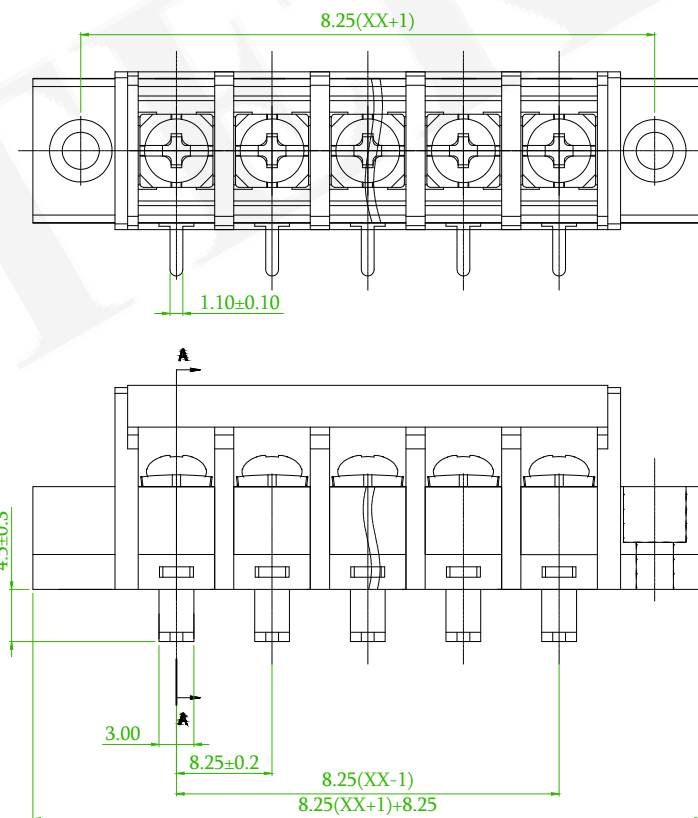
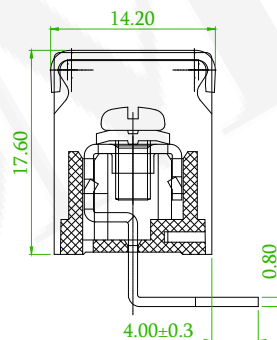
5	T	B	8	2	5	R	-	3	8	R	E	X	X	B	L	X	-	W	1
Series No.								Poles (02-20P)			B:Black			A:Tray B:Bag					



AMTEK 耀德
 2021.01.13
 Released DCC



Recommended PCB Layout



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	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

△x2	ECN NO:201211 Revise the PART NO	Alice	2021/01/04
△x1	ECN NO:200718 Revise the Tolerance	Alice	2020/11/13
△x1	ECN:200102 Remove the IEC	Benson	2020/03/21
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE	8.25mm Terminal Block				頁數 Page	1/1
品號 PART NO.	△ 5TB825R-38REXXBLX-W1				繪圖 DRAWN	Eric 2019/01/11
圖號 DRAWING NO.	GN011-EA548	版本 REV.	D	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		