

ELECTRICAL

Standard: UL IEC
Voltage Rating: 600V 630V
Current Rating: 65A 76A
Wire Range: 20-6AWG 10mm²
Contact Resistance: 20mΩ
Insulation Resistance: 500MΩ/DC500V
Withstanding Voltage: AC 2500V for one min

MECHANICAL

Torque: 1.2Nm
Temperature Range: -40°C ~ +105°C
Max. Soldering: 250°C for 5 Sec

MATERIAL

Housing: PA66, UL94V-0
Screws: M4.0, Steel, Zn Plated
Pin Header: Copper Alloy, Sn Plated
Cage: Brass, Nickel Plated

ORDER INFORMATION

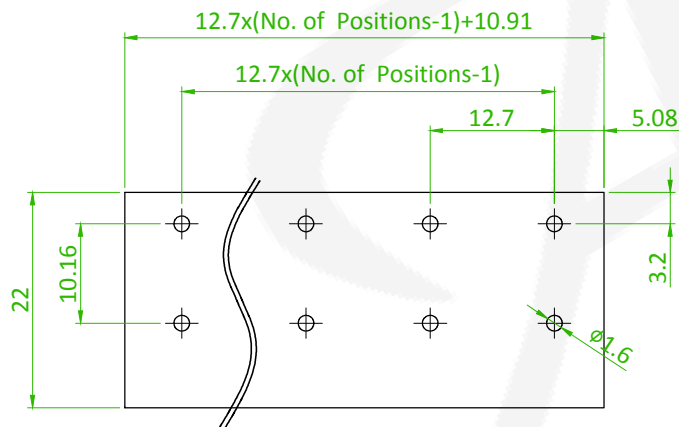
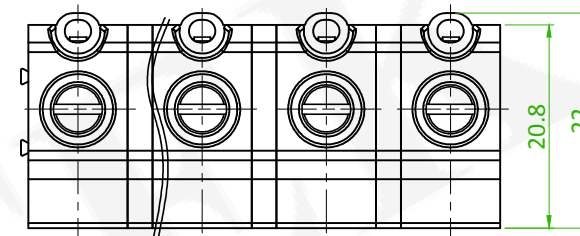
5 T S 1 2 7 S - 1 6 K N X X E L B - 0 1

Series No.

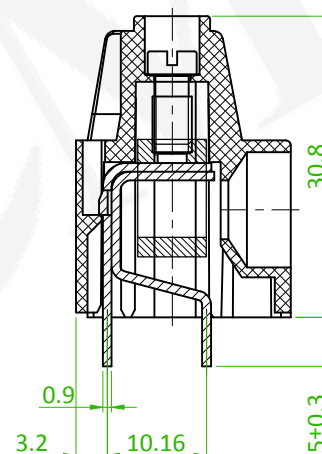
No of Pins total
(02-XX)

E: Green

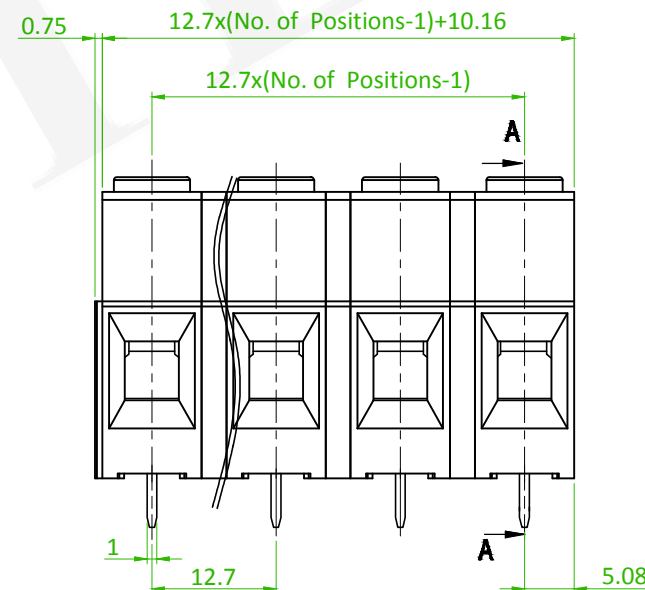
B: Bag



Recommended P.C.B Layout
(PCB TOLERANCE ±0.1)



Section: A-A



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. 200718 Revise the Tolerance	Alice	2020/12/04
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE


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品名 TITLE	12.7mm Terminal Block				頁數 Page	1/1
品號 PART NO.	5TS127S-16KNXXELB-01				繪圖 DRAWN	Roy 2018/04/24
圖號 DRAWING NO.	GN011-RR431	版本 REV.	B	核對 CHECKED	Josh 2018/04/24	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/04/24	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		