

ELECTRICAL

RATED VOLTAGE: 300V

RATED CURRENT: 20A

CONTACT RESISTANCE: 20mΩ

INSULATION RESISTANCE: 500MΩ/DC500V

WIRE RANGE: 22-12AWG

WITHSTANDING VOLTAGE: AC 1600V FOR ONE MIN

MECHANICAL

TEMP. RANGE: -40°C ~ +105°C

SOLDERING: +260°C, FOR 5 SEC

TORQUE: 1.2N.m

MATERIAL

HOUSING: NYLON66, UL94V-0

SCREWS: M4 STEEL Ni PLATED

PIN HEADER: COPPER ALLOY, Sn PLATED

COVER: PC, UL94V-2

ORDER INFORMATION

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

100
PITCH: 10.0mm

SERIES No.

POLES
(02-24P)

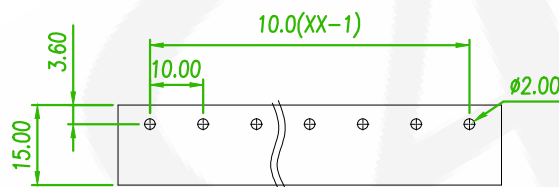
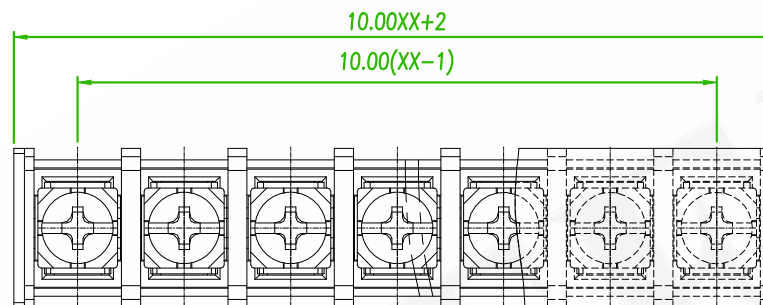
B: BLACK

A: TRAY
B: BAG

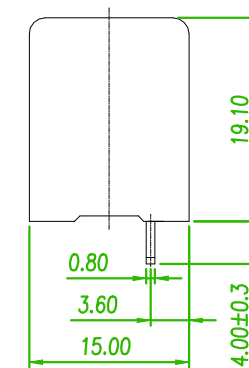
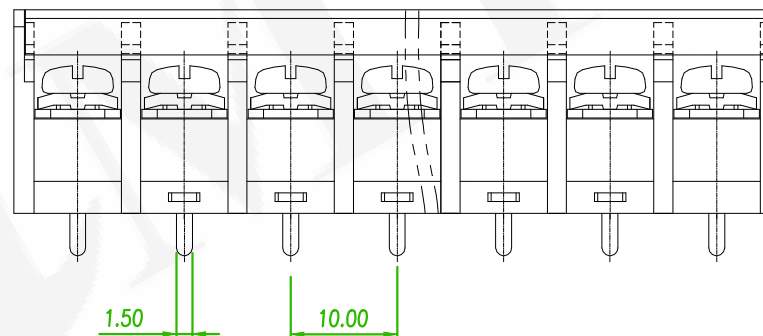
AMTEK 糧德

2025.04.14

Released DCC



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



linear dimension (Tolerances Standard GB/T 14486-2008)

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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

△	ECN NO:240348 Revise the drawing	Gaby	2025/02/17
△x2	ECN NO:201211 Revise the PART NO.	Alice	2020/12/31
△x1	ECN NO:200718 Revise the Tolerance	Alice	2020/11/06
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE


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品名 TITLE	TERMINAL BLOCK BARRIER 10.0mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TB100S-58SNXXLX-W1				繪圖 DRAWN	ERIC 2019/01/11
圖號 DRAWING NO.	GN011-EA557	版本 REV.	E	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		