

ELECTRICAL  **UL**

RATED VOLTAGE: 250V

RATED CURRENT: 20A

CONTACT RESISTANCE: 20mΩ

WITHSTANDING VOLTAGE: AC 1600V FOR ONE MIN

INSULATION RESISTANCE: 500MΩ/DC500V

WIRE RANGE: 22-12AWG

ORDER INFORMATION

5 **T** **B** **8** **2** **5** **S** **-** **3** **8** **S** **E** **X** **X** **X** **L** **X** **-** **W** **1**

825
PITCH:8.25mm

SERIES No.

POLES
(02-20P)

B:BLACK

A:TRAY
B:BAG

MECHANICAL

TEMP. RANGE: -40°C ~ +105°C

TORQUE: 0.5Nm

MAX SOLDERING: +260°C, FOR 5 SEC

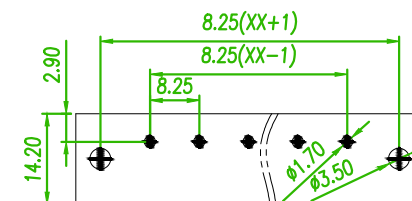
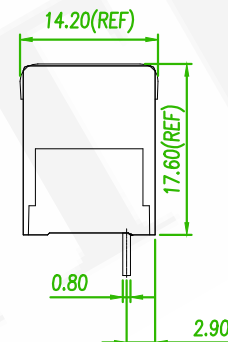
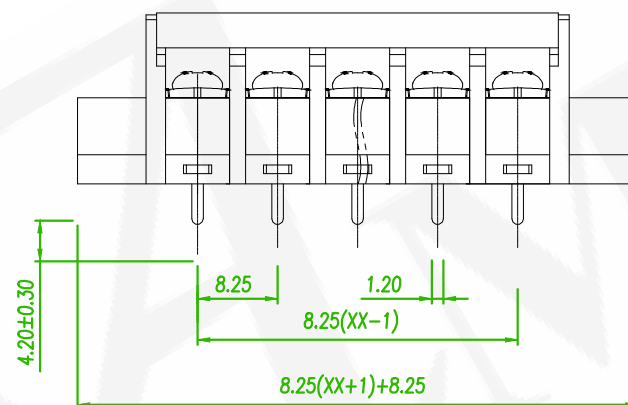
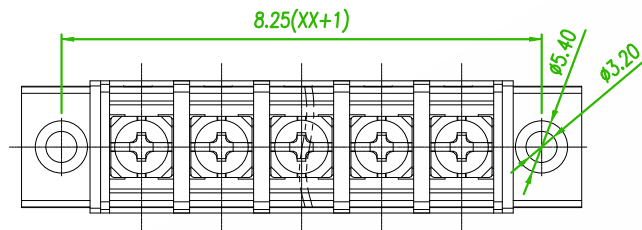
MATERIAL

HOUSING: NYLON66, UL94V-0

SCREWS: STEEL, M3 STEEL Ni PLATED

PIN HEADER: COPPER ALLOY, Sn PLATED

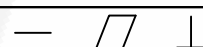
COVER: PC, UL94V-2



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



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

ECN NO:240348 Revise the drawing

Gaby

2024/12/06

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

Alice

2020/12/22

ECN 200102: Remove the IEC

David

2020/06/11

REV. ECN NO. OR DESCRIPTION

REVISED

DATE



糧德精密有限公司
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品名 TITLE	TERMINAL BLOCK BARRIER 8.25mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TB825S-38SEXXXLX-W1			繪圖 DRAWN	Eric 2019/01/10	
圖號 DRAWING NO.	GN011-EA546	版本 REV.	D	核對 CHECKED	Josh 2019/01/10	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2019/01/10	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		