

**MATERIAL**

HOUSING: NYLON66, UL94V-0  
CAGE: COPPER ALLOY, M3/Ni PLATED  
SCREW: STEEL, M3, TORQUE: 0.5N.m  
PIN: COPPER ALLOY, Sn PLATED

**ORDER INFORMATION**

5 T S 5 0 8 S - 3 T 2 N X X X L X - 0 1

508  
PITCH: 5.08mm

SERIES NO.

NO OF POLES TOTAL  
(04~48P)

E: GREEN

A: TRAY  
B: BAG

**MECHANICAL**

OPERATING TEMPERATURE: -40°C~+105°C  
SOLDERING TEMPERATURE: 260°C/5S  
STRIPPING LENGTH: 6~7mm

**TECHNICAL DATA**

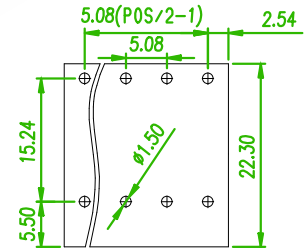
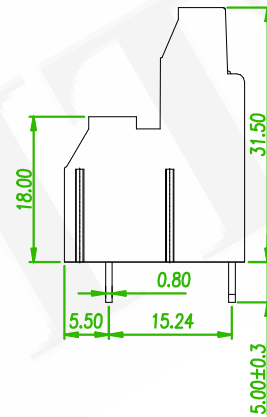
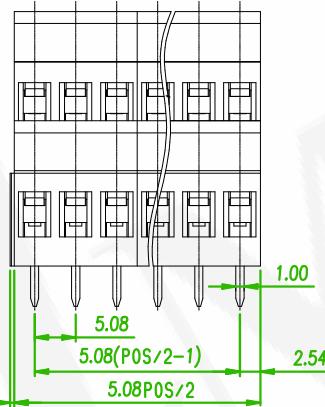
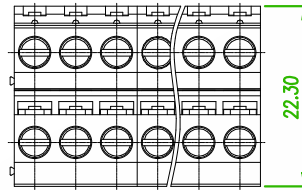
UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE SOLID/STRANDED (AWG)	26-12		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

IEC 60774

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	20	20	20
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm <sup>2</sup> )	0.5-2.5		



RECOMMENDED PCB LAOUT  
(PCB TOLERANCE ±0.05)



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

		over 6	over 10	over 30	over 60	over 100	over 160		over 10	over 100
variable range	to 6	to 10	to 30	to 60	to 100	to 160	to 10	to 100	to 100	to 100
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	2024/07/23
△x1	ECN NO:220814 Revise the PART NO.	Tim	2022/09/16
△x1	ECN NO:200718 Revise the Tolerance	Alice	2020/12/08
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

糧德精密有限公司  
Amtek Technology Co., Ltd.  
TEL: 886-2-2260-6878  
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK PCB SCREW 5.08mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS508S-3T2NXXXLX-01			繪圖 DRAWN	ERIC 2018/11/21	
圖號 DRAWING NO.	GN011-EA059	版本 REV.	C	核對 CHECKED	JOSH 2018/11/21	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/11/21	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		