



**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 2 A N X X X L X - 0 1


 508  
PITCH: 5.08mm

SERIES NO.

 NO OF POLES TOTAL  
(04~48P)

 E: GREEN

 O: ORANGE

 X: BOX  
(ONLY 08-48 PIN)

 B: BAG  
(ONLY 04-06 PIN)




## MECHANICAL

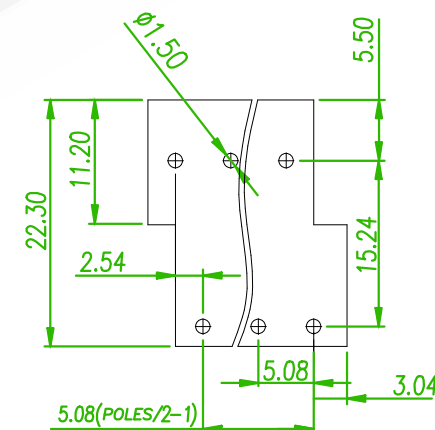
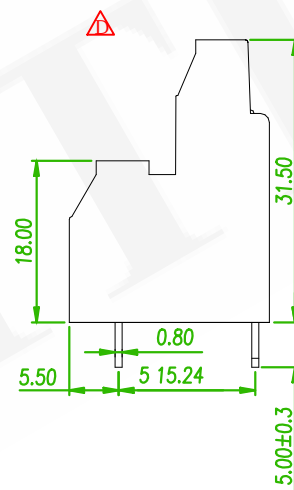
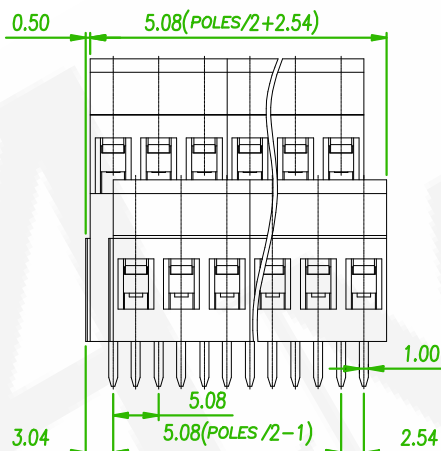
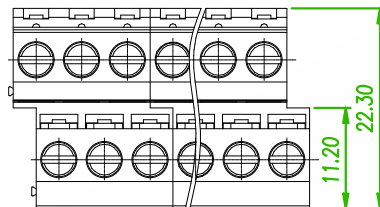
OPERATING TEMPERATURE: -40°C~+105°C  
 SOLDERING TEMPERATURE: 260°C/5S  
 STRIPPING LENGTH: 6~7

## TECHNICAL DATA



UL/CUL




SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE	26-12		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1500V (1MIN)		

IEC	E00047-4		
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	0.5-2.5		
SOLID/FLEXIBLE (mm <sup>2</sup> )			





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 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

	BPM 20260106002	Alice	2026/01/07
	ECN-202512055	Oliver	2025/12/29
	BPM 20241024009	Benson	2024/10/25
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE 	TERMINAL BLOCK PCB SCREW 5.08mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO. 	5TS508S-32ANXXXLX-01				繪圖 DRAWN	Eric 2018/11/21
圖號 DRAWING NO.	GN011-EA062	版本 REV.	G	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	THIRD ANGLE PROJECTION	