

MATERIAL
HOUSING: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED

MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
SOLDERING TEMPERATURE: 260°C/5S
STRIPPING LENGTH: 10~11mm

TECHNICAL DATA

UL/CUL			
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	10	-	10
WIRE RANGE SOLID/STRANDED (AWG)	24-14		
WITHSTANDING VOLTAGE	1600V (1MIN)		
IEC 			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	320	320	630
RATED CURRENT (A)	15	15	15
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	0.2-1.5		

ORDER INFORMATION

5 T R 5 0 8 R - 1 4 2 N X X X L X - W 1

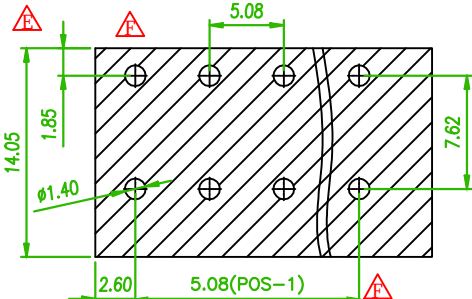
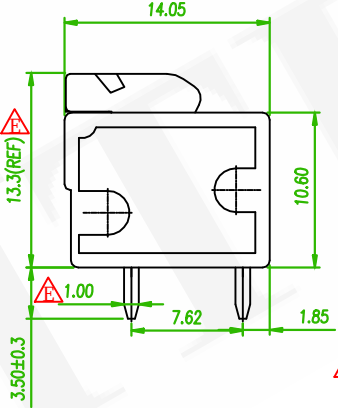
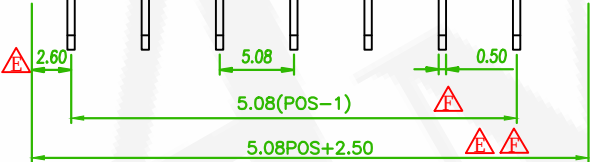
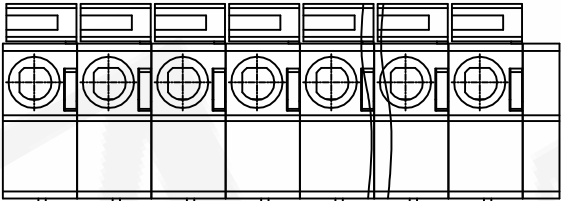
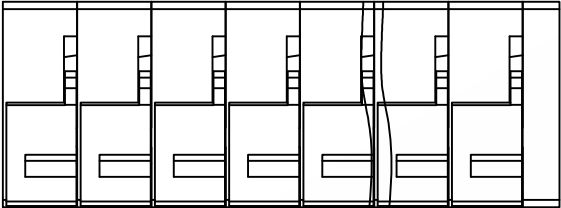
508:
PITCH 5.08mm

SERIES No.

NO OF POLES
(01~30P)

G:GRAY	O:ORANGE
U:BLUE	R:RED
B:BLACK	T:TRANS-PARENT
E:GREEN	N:BROWN
	W:WHITE

A:TRAY



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	2024/11/22
△x5	ECN NO:220920 Revise the drawing.	Tim	2022/10/03
△x9	QEC NO:220201 Revise the Drawing	Benson	2022/02/09
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PCB SPRING 5.08mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TR508R-142NXXXLX-W1				繪圖 DRAWN	MIA 2016/08/24
圖號 DRAWING NO.	GN011-BS748	版本 REV.	G	核對 CHECKED	JONNY 2016/08/24	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	AARON 2016/08/24	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		