

MATERIAL
HOUSING: LCP, UL94V-0
HEADER PIN: COPPER ALLOY, M4/TIN PLATED

SPECIFICATION
OPERATING TEMPERATURE: -40°C~130°C
SOLDERING TEMPERATURE: 60°C/5SEC
STRIPPING LENGTH: 7-8mm

TECHNICAL DATA
UL/CUL

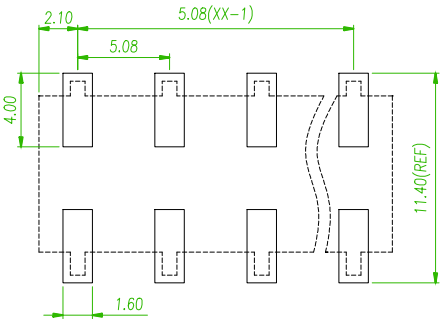
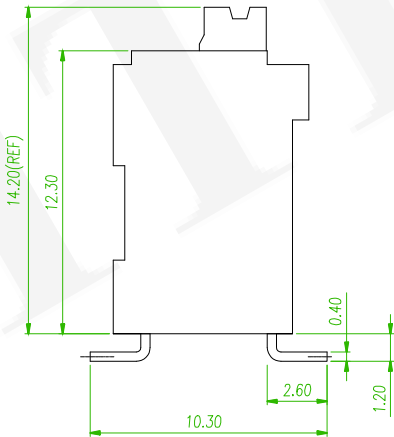
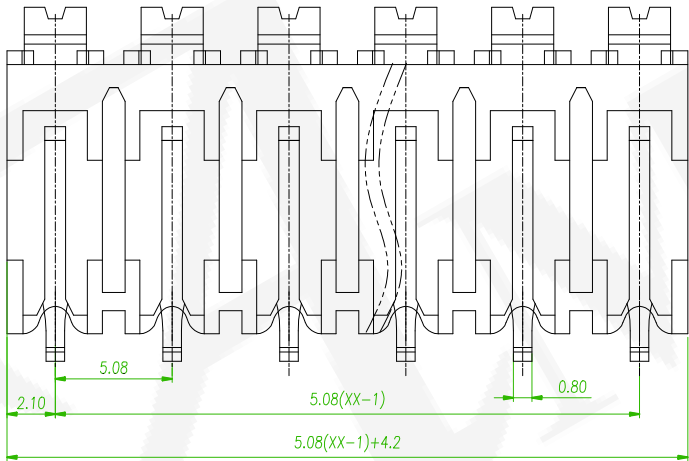
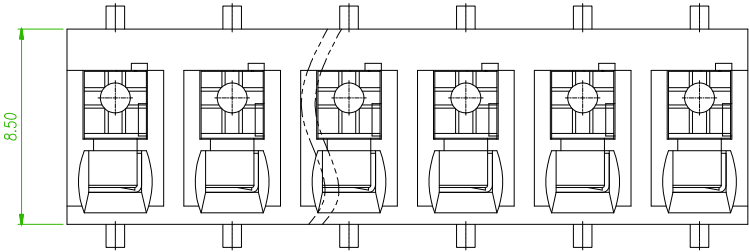
SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	10	-	10
WIRE RANGE	24-16		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC IEC60947-7-4

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	500
RATED CURRENT (A)	17.5	17.5	17.5
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²)	0.2-1.5		

ORDER INFORMATION

5	T	R	5	0	8	M	-	2	1	2	N	X	X	X	U	X	-	0	1
508: PITCH5.08mm						SERIES NO.			NO OF POLES (02~24)			B:BLACK			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.240824 Revise the drawing	Benson	2024/10/08
△	EasyFlow No.:202401240001	Randy	2024/03/07
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE	TERMINAL BLOCK PCB SPRING 5.08mm SMT V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TR508M-212NXXXUX-01			繪圖 DRAWN	Randy 2024/03/07	
圖號 DRAWING NO.	GN011-RD347	版本 REV.	B	核對 CHECKED	Josh 2024/03/07	
客戶品號 CUSTOMER P/N		比例 SCALE	1:1	承認 APPROVED	Josh 2024/03/07	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		