

MATERIAL

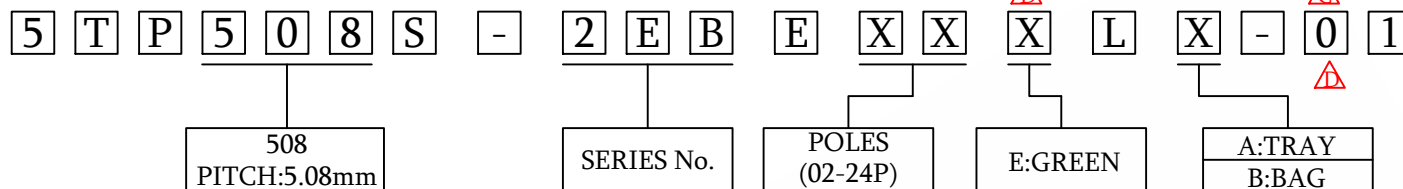
HOUSING: NYLON66, UL94V-0

COVER: NYLON66, UL94V-0

CLAMP: COPPER ALLOY, Sn PLATED

NUT: COPPER ALLOY, M2.5

ORDER INFORMATION



MECHANICAL

OPERATING TEMPERATURE: -40°C~+105°C

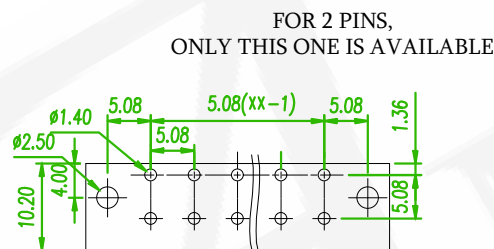
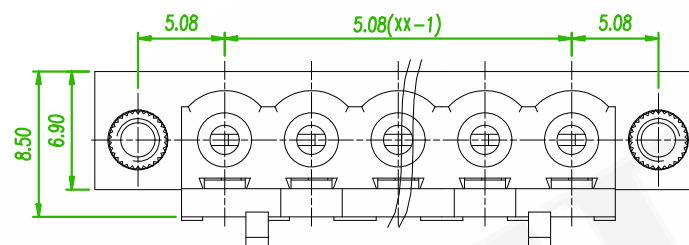
SOLDERING TEMPERATURE: 260°C/5S

TECHNICAL DATA

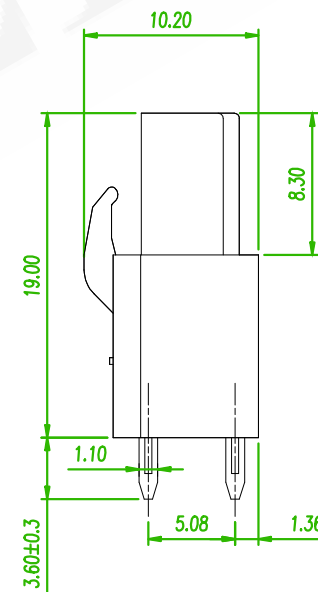
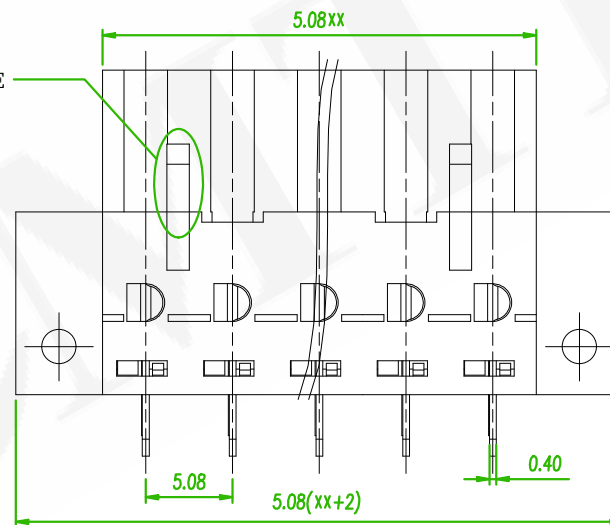
UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	15	-	10
WIRE RANGE SOLID/STRANDED (AWG)	-		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC	IEC61984		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	320	320	630
RATED CURRENT (A)	12	12	12
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	-		



RECOMMENDED PCB LAOUT
(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 100	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

△E	ECN NO:240348 Revise the drawing	Gaby	2025/01/21
△	ECN NO:230714 Revise the PART NO.	Gaby	2023/09/23
△x2	ECN NO:201215 Revise the PART NO.	Alice	2020/12/30
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.08mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TP508S-2EBEXXXLX-01			繪圖 DRAWN	ERIC 2018/12/05	
圖號 DRAWING NO.	GN011-EA178	版本 REV.	E	核對 CHECKED	JOSH 2018/12/05	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/12/05	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		