

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

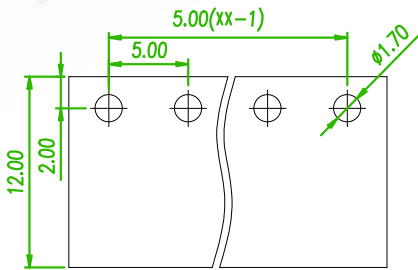
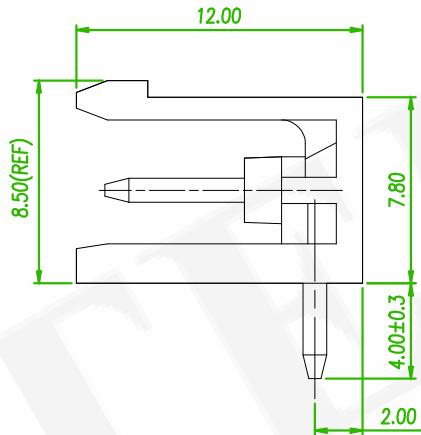
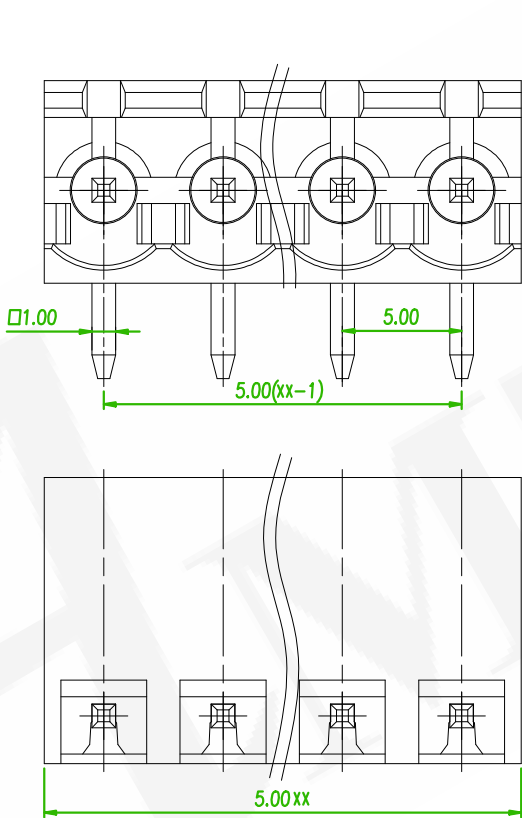
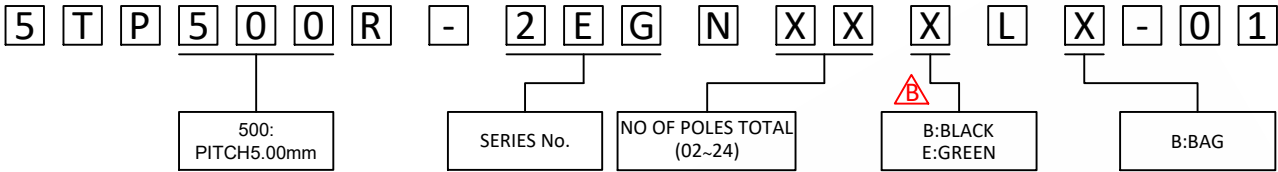
MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
SOLDERING TEMPERATURE: 260°C/5S

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)		

SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	630
RATED CURRENT (A)	15	15	15
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION			
SOLID/FLEXIBLE (mm²)	-		

ORDER INFORMATION



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 10	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

ECN NO:240348 Revise the drawing	Gaby	2024/10/28
ECN NO:210508 Add the LOGO	Benson	2021/05/18
ECN NO:200718 Revise the Tolerance	Alice	2020/09/16
REV.	ECN NO. OR DESCRIPTION	REVISED DATE

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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.00mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TP500R-2EGNXXLX-01				繪圖 DRAWN	MIA 2016/08/18
圖號 DRAWING NO.	GN011-MC234	版本 REV.	E	核對 CHECKED	BORIS 2024/05/07	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	BORIS 2024/05/27	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		