

MATERIAL
HOUSING:LCP, UL94V-0
PIN 1:COPPER ALLOY,Sn PLATED
PIN 2:COPPER ALLOY,Sn PLATED

MECHANICAL
OPERATING TEMPERATURE:-40°C~+130°C
SOLDERING TEMPERATURE:260°C/10S

TECHNICAL DATA

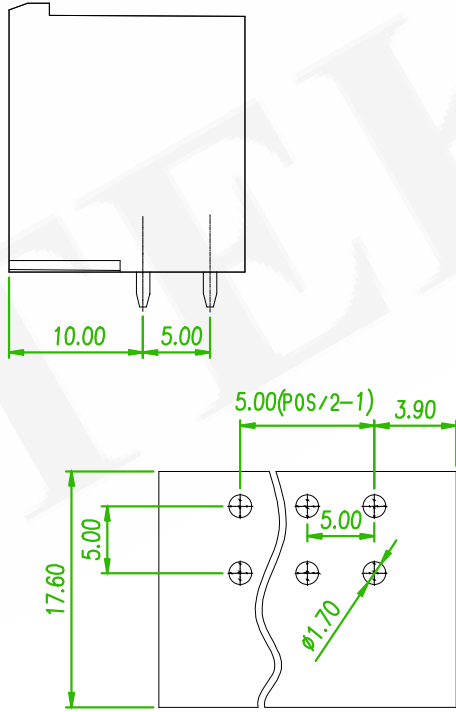
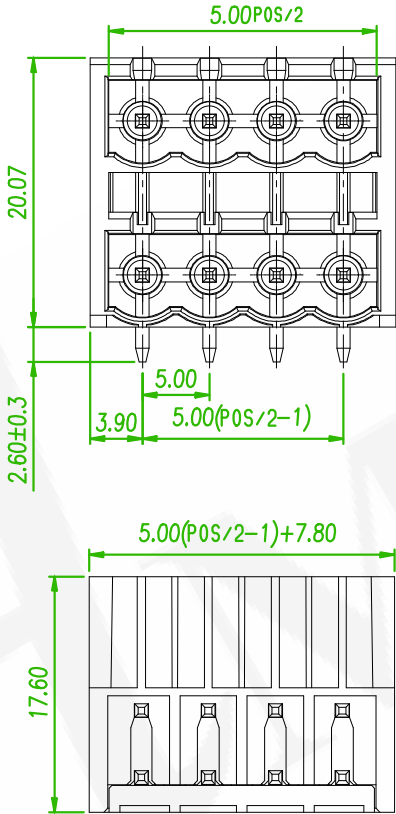
UL/CUL

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)	250	320	400
RATED CURRENT (A)	12	12	12
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION			
SOLID/FLEXIBLE (mm ²)	-		

ORDER INFORMATION

5	T	P	5	0	0	R	-	2	H	B	N	X	X	X	U	X	-	0	1
500 PITCH:5.00mm						SERIES No.			NO OF PINS TOTAL (04-48P)			B:BLACK		A:TRAY, W/O CAP B:BAG					



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 250	to 10	over 10 to 100	over 100 to 250
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	2024/11/13
△	ECN NO.: 230714 Revise the PART NO	Benson	2023/08/29
△x2	ECN NO.:220104 Revise the Part No.	David	2022/01/14
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-2HBNXXXUX-01 △				繪圖 DRAWN	Alice 2021/04/15
圖號 DRAWING NO.	GN011-AZ069	版本 REV.	D	核對 CHECKED	Josh 2021/04/15	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2021/04/15	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		