

MATERIAL

HOUSING: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED
NUT: COPPER ALLOY, M2.5

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

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)	-		

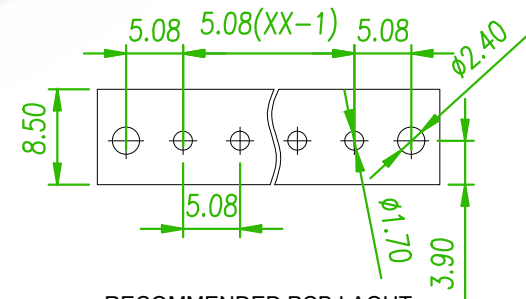
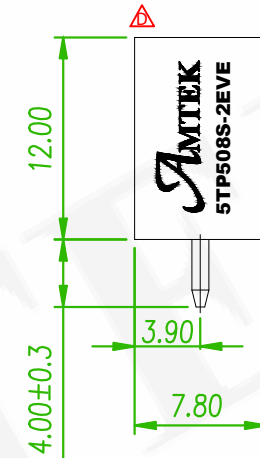
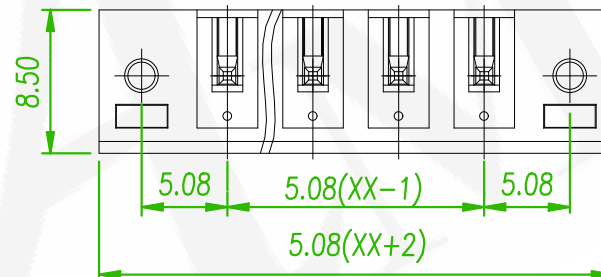
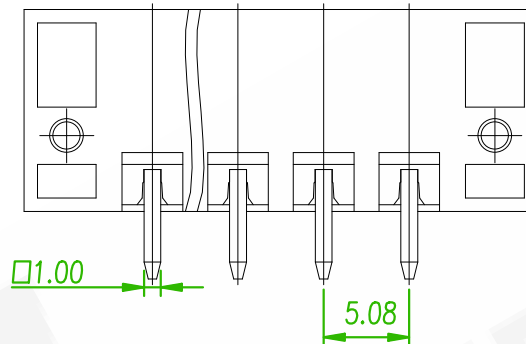
ORDER INFORMATION

5	T	P	5	0	8	S	-	2	E	V	E	X	X	X	L	X	-	0	1
508: PITCH 5.08mm						SERIES No.		NO OF PINS TOTAL (02~24)			E: GREEN		B: BAG						

AMTEK 糧德

2025.04.25

Released DCC



RECOMMENDED PCB LAOUT
(PCB TOLERANCE ±0.05)

B

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

△	REC N2504000049 Revise the drawing	Gaby	2025/04/15
△	ECN NO:240348 Revise the drawing	Gaby	2024/11/07
△x1	ECN NO:200718 Revise the Tolerance	Alice	2020/09/24
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.08mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TP508S-2EVEXXXLX-01				繪圖 DRAWN	MIA 2016/08/25
圖號 DRAWING NO.	GN011-AL333	版本 REV.	D	核對 CHECKED	JONNY 2016/08/25	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	AARON 2016/08/25	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		