

MATERIAL 
HOUSING: NYLON66, UL94V-0
CAGE: COPPER ALLOY, M2.5/Ni PLATED
SCREW: STEEL, M2.5/Zn PLATED, TORQUE: 0.4N.m
PIN: COPPER ALLOY, Sn PLATED

ORDER INFORMATION

AMTEK 糧德
2025.02.20
Released DCC

MECHANICAL
OPERATING TEMPERATURE: -40°C~+105°C
SOLDERING TEMPERATURE: 260°C/5S
STRIPPING LENGTH: 6~7mm

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)	30-14		
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

SAFETY APPROVAL			
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	24	24	24
IMPULSE WITHSTANDING VOLTAGE (kV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²)	0.5-2.5		

5 T S 5 0 0 S - E 3 K N X X X L X - 0 1

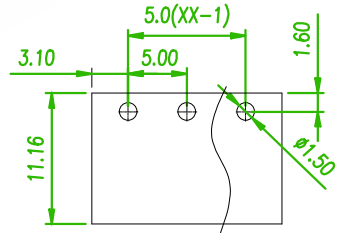
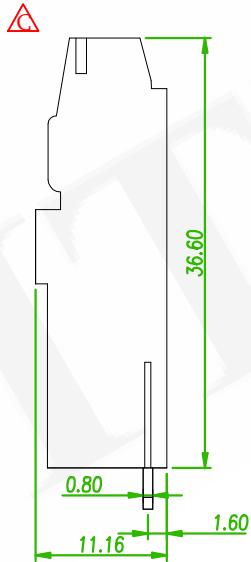
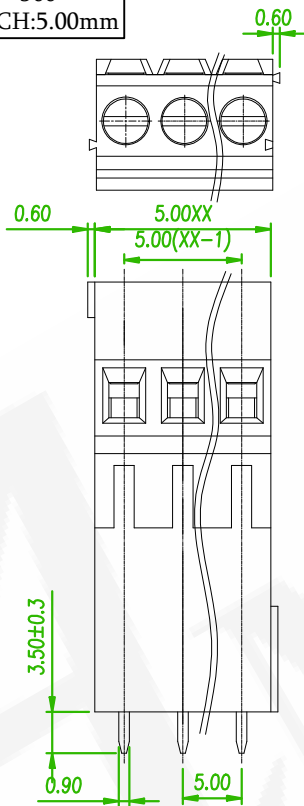
500
PITCH: 5.00mm

SERIES No.

NO OF PINS TOTAL
(02-24P)

E: GREEN

A: TRAY
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
REV.	ECN NO. OR DESCRIPTION							REVISED	DATE	


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品名 TITLE	TERMINAL BLOCK PCB SCREW 5.00mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TS500S-E3KNXXLY-01				繪圖 DRAWN	Eric 2018/11/23
圖號 DRAWING NO.	GN011-EA079	版本 REV.	C	核對 CHECKED	Josh 2018/11/23	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/11/23	
公差 TOLERANCE		單位 UNIT	mm	第三 ANGLE PROJECTION		