

MECHANICAL 
TEMP. RANGE: -40°C ~ +105°C
MATERIAL
HOUSING: NYLON 66, UL94V-0
PIN: COPPER ALLOY, TIN PLATED

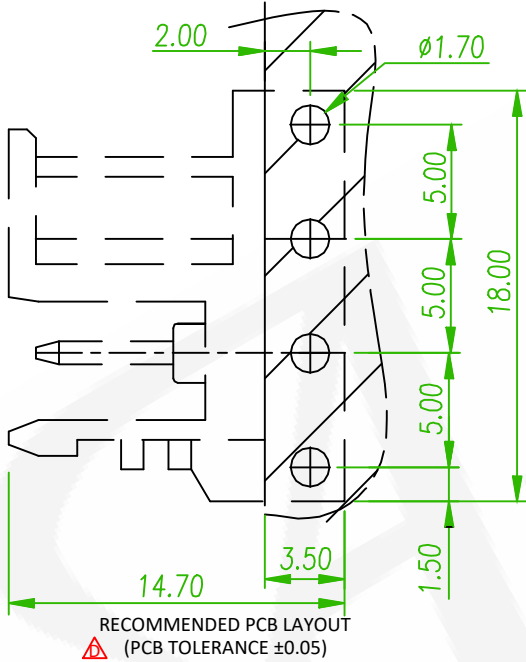
TECHNICAL DATA

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

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	400
RATED CURRENT (A)	16	16	16
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 G L N X X X L X - 0 1

500:
PITCH5.00mm

SERIES NO.

NO OF
PINS(02/04)

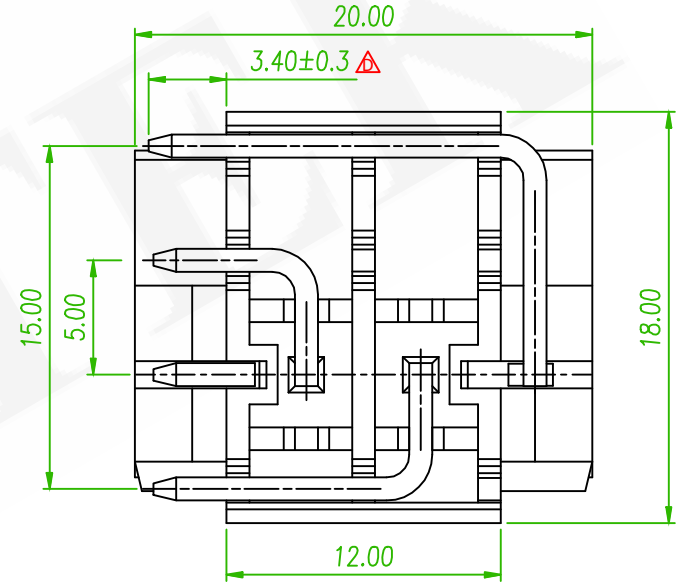
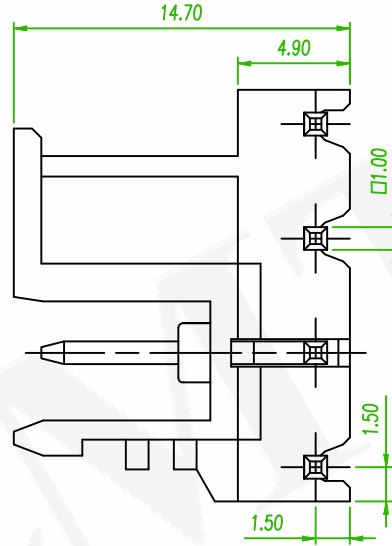
G:GRAY	O:ORANGE
U:BLUE	R:RED
B:BLACK	W:NATURAL
E:GREEN	N:BROWN
T:TRANS-PARENT	

B:BAG

AMTEK 糧德

2025.09.12

Released DCC



5TP500R-2GLN04XLX-01

OLD PART NO. :TB2ELF-5.0-04P-1X-00A-L

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

	REC2509000030 Revise the drawing	Gaby	2025/09/09
	ECN NO.: 230714 Revise the PART NO	Benson	2023/08/29
	ECN NO:220619 Revise the PART NO.	Alice	2022/07/19
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE


糧德精密有限公司
Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.00mm DIP R/A TYPE				頁數 Page	1/2
品號 PART NO.	5TP500R-2GLNXXXLX-01				繪圖 DRAWN	MIA 2016/10/17
圖號 DRAWING NO.	GN011-AL298	版本 REV.	F	核對 CHECKED	JOSH 2016/10/17	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2016/10/17	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		

MECHANICAL

TEMP.RANGE:-40°C~+105°C

SOLDERING TEMPERATURE: 260°C/5S

MATERIAL

HOUSING: NYLON 66, UL94V-0

PIN: COPPER ALLOY ,Sn PLATED

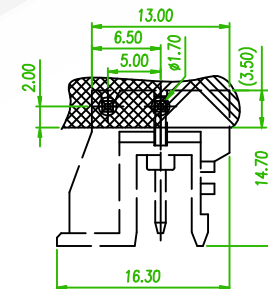
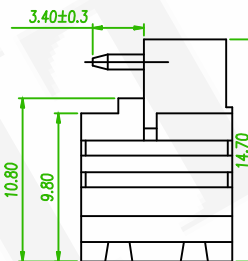
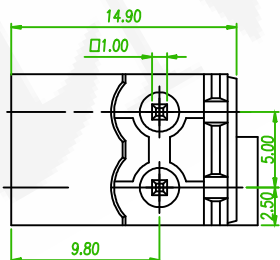
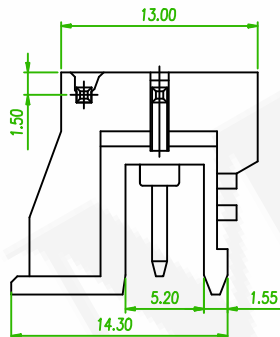
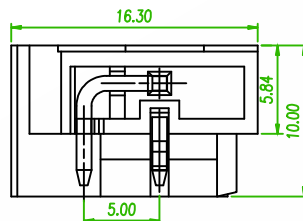
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CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²)	-		



5TP500R-2GLN02XLX-01

RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

General Tolerances

General Tolerances								—		
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	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

△	REC N2509000030 Revise the drawing	Gaby	2025/09/09
△	ECN NO.: 230714 Revise the PART NO	Benson	2023/08/29
△x6	ECN NO.:220619 Revise the PART NO.	Alice	2022/07/19
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