

MATERIAL

HOUSING: NYLON 66, UL94V-0
CONTACTOR: COPPER ALLOY,TIN PLATED

SPECIFICATION

OPERATING TEMPERATURE: -40°C~105°C
SOLDERING TEMPERATURE: 260°C/5SEC

TECHNICAL DATA

UL/CUL

SAFETY APPROVAL			
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	—	300
RATED CURRENT (A)	15	—	10
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	320	320	630
RATED CURRENT (A)	12	12	10
IMPULSE WITHSTANDING VOLTAGE (KV)	4	4	4

ORDER INFORMATION

5 T M 5 0 0 S - 0 5 1 N X X X L X - 0 1

500:
PITCH5.00mm

SERIES NO.

NO OF PINS TOTAL
(02~24)

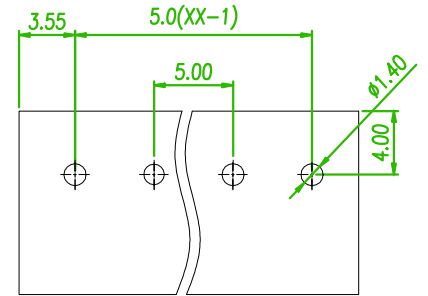
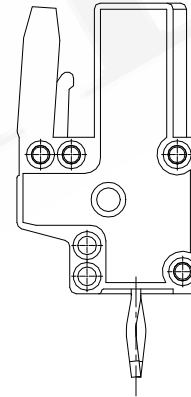
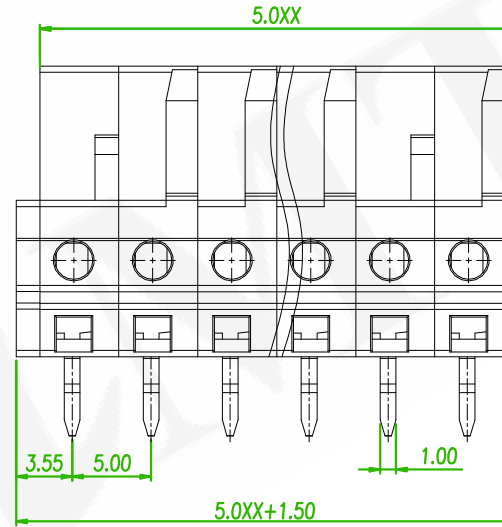
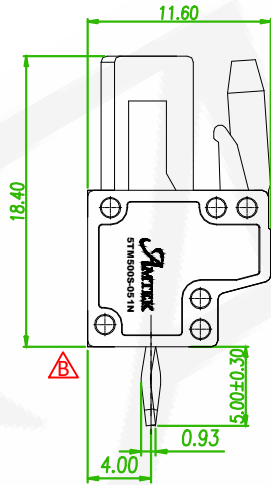
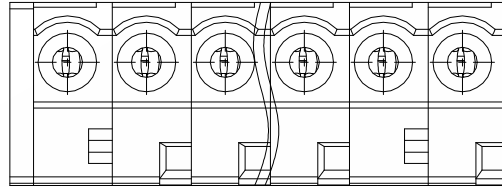
G:GRAY

B:BAG

AMTEK 懽德

2025.02.19

Released DCC



RECOMMENDED PCB LAYOUT
(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	over 250 to 500	over 500 to 1000	over 1000 to 1500	over 1500 to 2000	over 2000 to 2500
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	±2.00	±2.50	±3.00	±3.50	±4.00

REV.	REC2502000104	Gaby	2025/02/18
	EasyFlow No.:202401240001	Randy	2024/03/19
	ECN NO. OR DESCRIPTION	REVISED	DATE



懽德精密有限公司
Amtek Technology Co., Ltd.

TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	TERMINAL BLOCK MCS 5.00mm DIP V/T TYPE				頁數 Page	1/1
品號 PART NO.	5TM500S-051NXXXLX-01				繪圖 DRAWN	RANDY 2024/03/19
圖號 DRAWING NO.	GN110-RD383	版本 REV.	B	核對 CHECKED	JOSH 2024/03/19	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JOSH 2024/03/19	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		