

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)		

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 R - 0 5 3 N X X X L X - 0 1

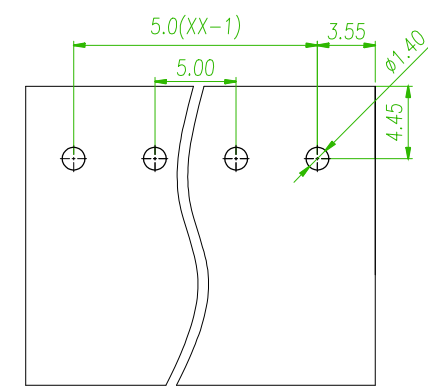
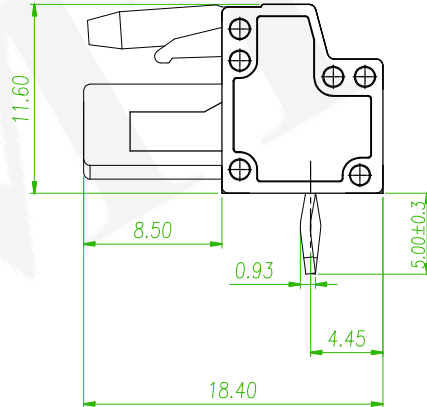
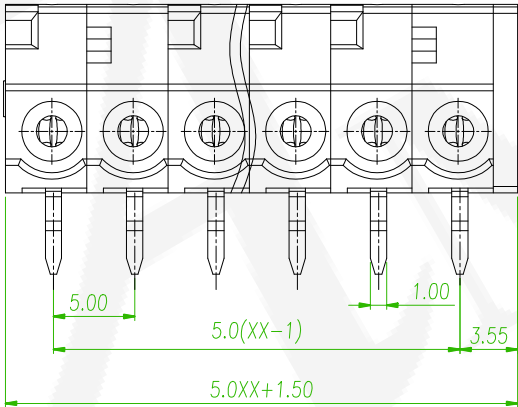
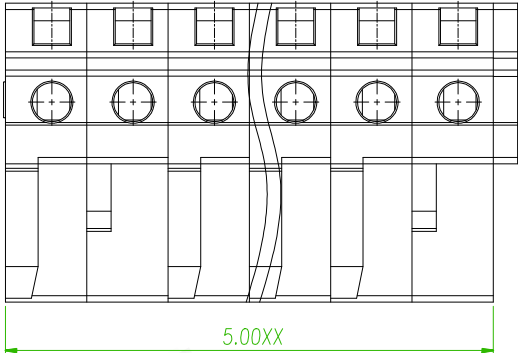
500:
PITCH5.00mm

SERIES NO.

NO OF PINS TOTAL
(02~24)

G:GRAY

B:BAG



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	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.	EasyFlow No.:202401240001	Randy	2024/03/19
	ECN NO. OR DESCRIPTION	REVISED	DATE



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品名 TITLE	TERMINAL BLOCK MCS 5.00mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TM500R-053NXXXXLX-01			繪圖 DRAWN	Randy 2024/03/19	
圖號 DRAWING NO.	GN011-RD389	版本 REV.	A	核對 CHECKED	Josh 2024/03/19	
客戶品號 CUSTOMER P/N		比例 SCALE	1:1	承認 APPROVED	Josh 2024/03/19	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		