

MATERIAL 
HOUSING: NYLON66, UL94V-0
COVER: NYLON66, UL94V-0
PIN: COPPER ALLOY, Sn PLATED

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	IEC61984		
OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	320	630
RATED CURRENT (A)	10	10	10
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm ²)	-		

ORDER INFORMATION

5 T P 5 0 8 R - 2 R H N X X X L X - 0 1

508
PITCH: 5.08mm

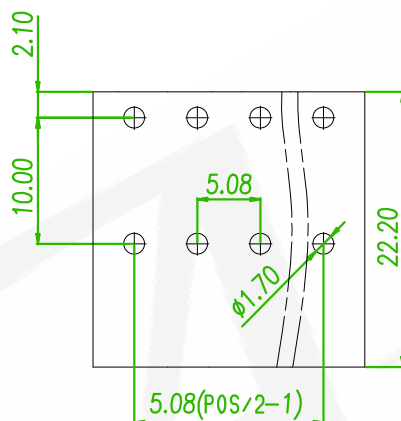
SERIES No.

No OF POLES TOTAL
(04~48)

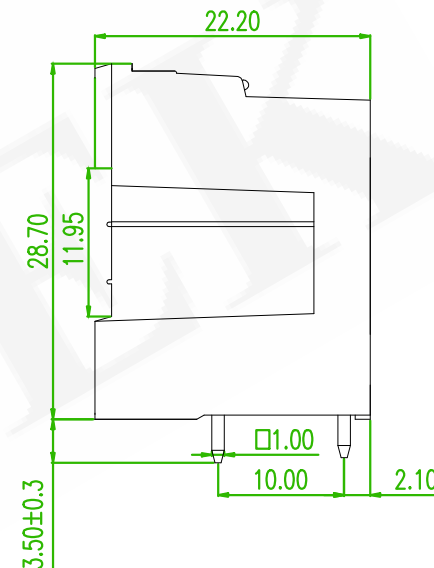
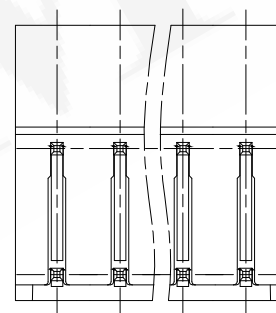
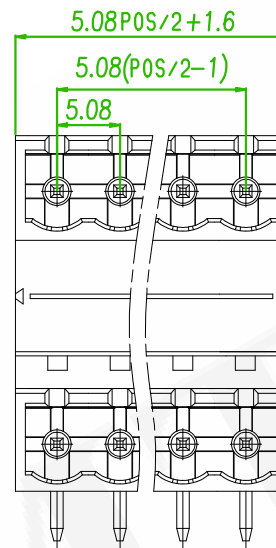
G: GRAY
U: BLUE
B: BLACK
E: GREEN

O: ORANGE
R: RED
T: TRANS-PARENT
N: BROWN
W: WHITE

X: BOX
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	over 250 to 500	over 500 to 1000	over 1000 to 2000
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60



ECN NO:240348 Revise the drawing

Gaby

2025/02/11



ECN NO:200718 Revise the Tolerance

Alice

2020/09/24



ECN NO. OR DESCRIPTION

REVISED

DATE



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品名 TITLE	TERMINAL BLOCK PLUGGABLE 5.08mm DIP R/A TYPE				頁數 Page	1/1
品號 PART NO.	5TP508R-2RHNXXLX-01				繪圖 DRAWN	MIA 2018/02/12
圖號 DRAWING NO.	GN011-MD248	版本 REV.	C	核對 CHECKED	JOSH 2018/02/12	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	JASON 2018/02/12	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		