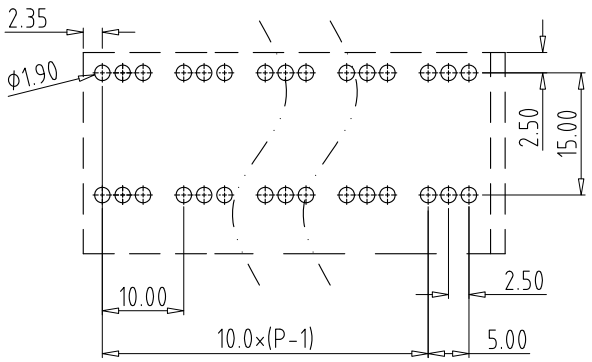
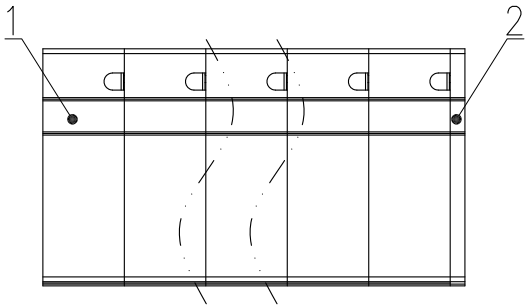
REV	CONTENT	CHK	DATE
V0.0	CONTENT	ZCL	24.07.25



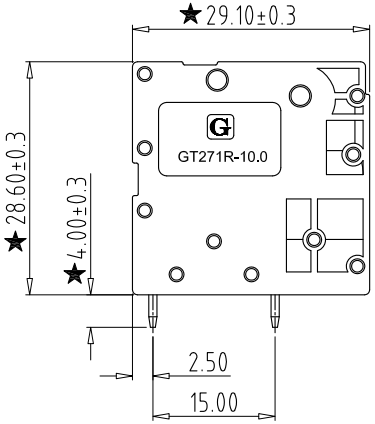
PCB LAYOUT

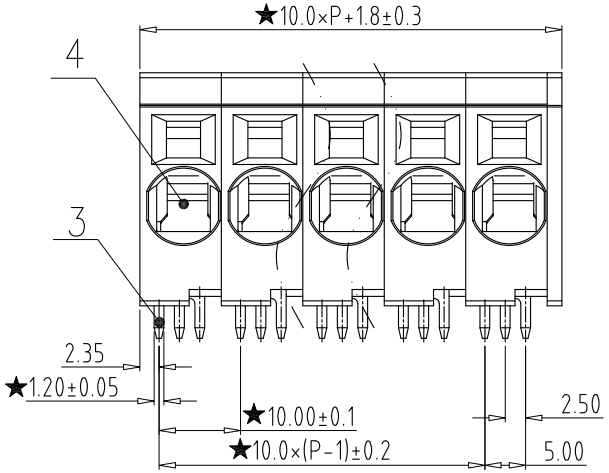


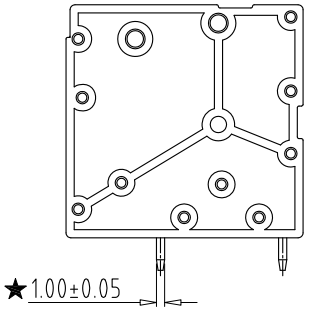
Electrical :

	UL	IEC
1.Rated Voltage :	300V	1000V
2.Rated Current :	70A	76A
3.Wire Range:	20-4AWG	0.2-16mm^2

4.Stripping Length : 17-18mm
5.Withstanding Voltage : AC1600V/1Min.
6.Operating Temperature : -40°C~+105°C
7.RoHS Compliance
8." ★" is the key quality control point







GT271R - 10.0 -XXP - X X - 100
① ② ③ ④ ⑤ ⑥

① Sereies NO.

② Pitch

③ Poles
02 02Contacts
03 03Contacts
...
24 24Contacts

④ 1 Single Pitch
2 Double Pitch

⑤ Color: 1 Grey
2 Blue
3 Black
4 Green
5 Orange
6 Red
7 Transparent
8 Yellow
9 White

⑥ Customer Request: 100--Standard

Total Pitch Tolerances in mm									Nominal dimension range in mm									⊥		≒	—		//
over 0 to 30	over 30 to 53	over 53 to 70	over 70 to 90	over 90 to 115	over 115 to 150	over 150 to 250	over 250 to 350	over 350 to 500	over 0 to 30	over 30 to 53	over 53 to 70	over 70 to 90	over 90 to 115	over 115 to 150	over 150 to 200	over 200 to 250	over 250 to 320	over 0 to 10	over 10	all	over 0 to 100	over 100 to 150	over 150
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.2	0.3	0.5

4	SPRING	XX	P	Stainless Steel	/	
3	Pin header	XX	P	Copper alloy	Tin Plated	
2	COVER	XX	1	PA66	UL94V-0	
1	HOUSING	XX	P	PA66	UL94V-0	
ITEM	NAME OF PART	NO. OF PART	Q"TY	MATERIAL	NOTE	
DWG.	ZCL DATE	24.07.25	SIZE	A4 UNITS mm	SHEET/OF 1 / 1	
CHK.	DATE		SCALE	1:1		
APP.	DATE		NAME	GT271R-10.0-XXP-XX-100		
Golten 宁波冠泰电子有限公司 NINGBO GOLTEN ELECTRONICS CO., LTD.			DWGNO.	XXXX		