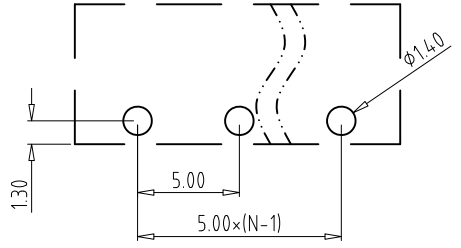


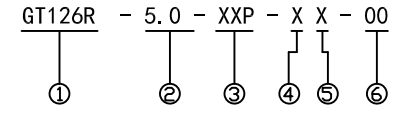
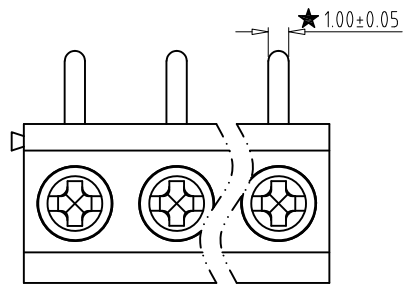
|      |         |     |          |
|------|---------|-----|----------|
| REV  | CONTENT | CHK | DATE     |
| V0.0 | CONTENT | MYZ | 21.06.24 |



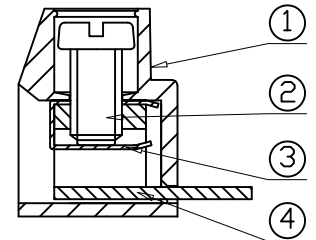
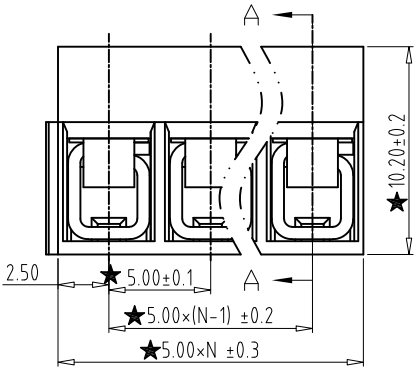
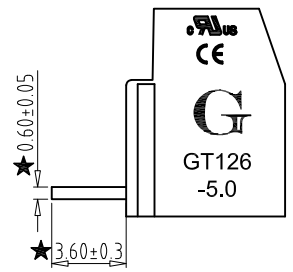
PCB LAYOUT

**Electrical :**

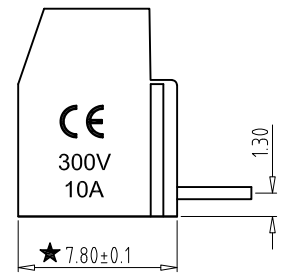
- |  |                 |                    |
|--|-----------------|--------------------|
|  | UL              | IEC                |
| 1. Rated Voltage :                       | 300V            | 250V               |
| 2. Rated Current :                       | 10A             | 18A                |
| 3. Torque Value :                        | M2.5 ,3.54Lb.in | M2.5, 0.4N.m       |
| 4. Wire Range:                           | 26-14AWG        | 2.5mm <sup>2</sup> |
| 5. Stripping Length :                    | 5-6mm           |                    |
| 6. Withstanding Voltage :                | AC2000V/1Min.   |                    |
| 7. Operating Temperature :               | -40°C~+105°C    |                    |
| 8. RoHS Compliance                       |                 |                    |
| 9. Safty Approval :                      |                 |                    |
| 10. "★" is the key quality control point |                 |                    |



- ① Series NO.    ④ 1 Single Pitch  
                                2 Double Pitch
- ② Pitch                    ⑤ Color: 1 Grey  
  2 Blue  
  3 Black  
  4 Green  
  5 Orange  
  6 Red  
  7 Transparent  
  8 Yellow  
  9 White
- ③ Poles  
02 02Contacts  
03 03Contacts  
...  
24 24Contacts
- ⑥ Customer Request: 00--Standard



SECTION A-A



|      |              |             |          |                 |                          |
|------|--------------|-------------|----------|-----------------|--------------------------|
| 4    | PIN HEADER   | XX          | P        | BRASS           | Tin Plated               |
| 3    | SPRING       | XX          | P        | STAINLESS STEEL | /                        |
| 5    | SCREW        | XX          | P        | STEEL           | Zn Plated                |
| 1    | HOUSING      | XX          | 1        | PA66 UL94V-0    | SEE NOTE                 |
| ITEM | NAME OF PART | NO. OF PART | Q'TY     | MATERIAL        | NOTE                     |
| DWG. | MYZ          | DATE        | 21.06.24 | SIZE            | A4 UNITS mm SHEET/OF 1/1 |
| CHK. |              | DATE        |          | SCALE           | 1:1                      |
| APP. |              | DATE        |          | NAME            | GT126R-5.0-XXP-XX-00     |
|      |              |             |          | DWGNO.          | XXXX                     |

| Total Pitch Tolerances in mm |         |         |         |         |          |          |          |          |          | Nominal dimension range in mm |         |         |         |         |          |          |          |          |          | ⊥      | ≡       | -        | //       |     |     |     |     |     |     |
|------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|-------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|--------|---------|----------|----------|-----|-----|-----|-----|-----|-----|
| over 0                       | over 30 | over 53 | over 70 | over 90 | over 115 | over 150 | over 250 | over 350 | over 500 | over 0                        | over 30 | over 53 | over 70 | over 90 | over 115 | over 150 | over 200 | over 250 | over 320 | over 0 | over 10 | over 100 | over 150 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.5 |
| ±0.18                        | ±0.20   | ±0.25   | ±0.3    | ±0.35   | ±0.4     | ±0.60    | ±0.70    | ±0.85    | ±0.20    | ±0.25                         | ±0.30   | ±0.35   | ±0.4    | ±0.55   | ±0.70    | ±0.80    | ±0.90    |          |          |        |         |          |          |     |     |     |     |     |     |