

FILE: 2021-D01VUL0

| REV | EC.N NO. | CONTENT | CHK | DATE |
|-----|----------|---------|-----|------|
|     |          |         |     |      |

NOTES1:

UL Standard

| Use group     | B    | C | D    |
|---------------|------|---|------|
| Rated Current | 15A  | — | 10A  |
| Rated Voltage | 300V | — | 300V |

IEC Standard

| Pollution Degree         | 3    | 2    | 2    |
|--------------------------|------|------|------|
| Overvoltage Category     | II   | III  | II   |
| Rate Impulse Voltage(kV) | 4kV  | 4kV  | 4kV  |
| Rate Voltage(V)          | 250V | 320V | 400V |
| Rate Current(A)          | 12A  | 12A  | 12A  |

NOTES2:

- 1.Housing: PA66(UL94V-0)  
2.Cover: PA66(UL94V-0)  
3.Solder Pin: Red copper(Sn Plated)

NOTES3:

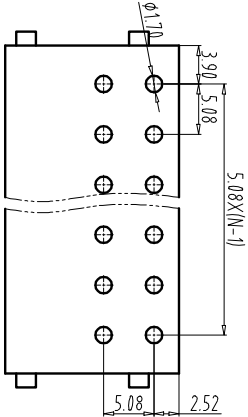
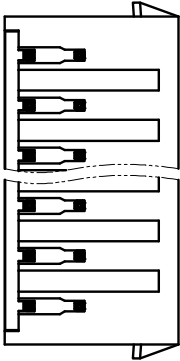
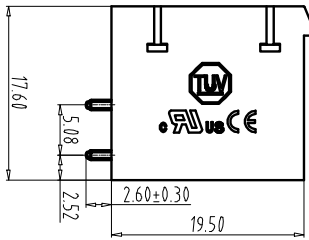
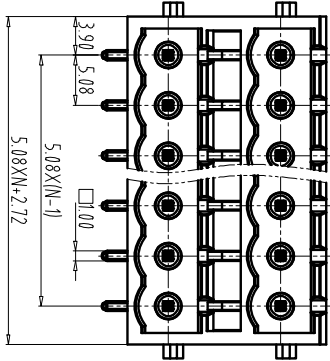
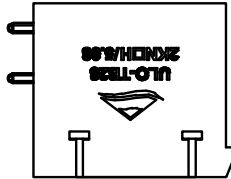
- 1.Pitch: 5.08mm Poles: 2x(02-24)P  
2.Operating temperature: -40℃~+105℃  
3.RoHS Compliance

How to order

UL0-TB28 - 2KMRHG/5.08 - 2XXXP - Y 0 0 0 A  
Certificate Factory poles  
Series NO. Code  
Customer requirements

color:

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



Pcb layout

| Total Pitch Tolerances |       |       |      |       |       |       |       |       |       |       |       | Nominal dimension range |       |       |       |       |       |      |      |      |      |      |      | —    |      | //   |      |
|------------------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|
| in mm                  |       |       |      |       |       |       |       |       |       |       |       | in mm                   |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |
| over                   | over  | over  | over | over  | over  | over  | over  | over  | over  | over  | over  | over                    | over  | over  | over  | over  | over  | over | over | over | over | over | over | over | over | over | over |
| 0                      | 30    | 53    | 70   | 90    | 115   | 150   | 200   | 250   | 0     | 30    | 53    | 70                      | 90    | 115   | 150   | 200   | 250   | 0    | over | all  | 0    | 100  | over | 0    | 100  | over |      |
| to                     | to    | to    | to   | to    | to    | to    | to    | to    | to    | to    | to    | to                      | to    | to    | to    | to    | to    | to   | to   | to   | to   | to   | to   | to   | to   | to   |      |
| 30                     | 53    | 70    | 90   | 115   | 150   | 200   | 250   | 320   | 30    | 53    | 70    | 90                      | 115   | 150   | 200   | 250   | 320   | 10   | 10   | 100  | 150  | 150  | 150  | 150  | 150  | 150  |      |
| ±0.18                  | ±0.20 | ±0.25 | ±0.3 | ±0.35 | ±0.44 | ±0.55 | ±0.70 | ±0.75 | ±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  |      |      |      |      |
| 6                      |       |       |      |       |       |       |       |       |       |       |       | 5                       |       |       |       |       |       |      |      |      |      |      |      | 4    |      |      |      |

| ITEM | NAME OF PART | NO. OF PART | Q'TY                             | MATERIAL | NOTE |
|------|--------------|-------------|----------------------------------|----------|------|
| DWG  | LZW          | DATE        | 22.05.13                         | UNITS    | MM   |
| CHK  | DATE         | SCALE       | 1:1                              | A4       | 1/1  |
| APP  | DATE         | NAME        | UL0-TB28-2KMRHG/5.08-2XXXP-Y000A |          |      |
|      |              | DWGNO       | UL0TB28Y000A                     |          |      |



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