

Characteristics:

Suitable for 100A SCR pulse train trigger.

Product picture print for reference only,
subject to the actual product

Technical Index:

Installation method: PCB

Flame resistance : UL94-V0

Operation temperature: -20℃ ~ +50℃

Storage temperature: -30℃ ~ +85℃

Work frequency: 1KHz~20KHz

Dielectric strength: Pri/Sec 3.5KV 50Hz 1min (KMB113 Pri/Sec 1KV 50Hz 1min)

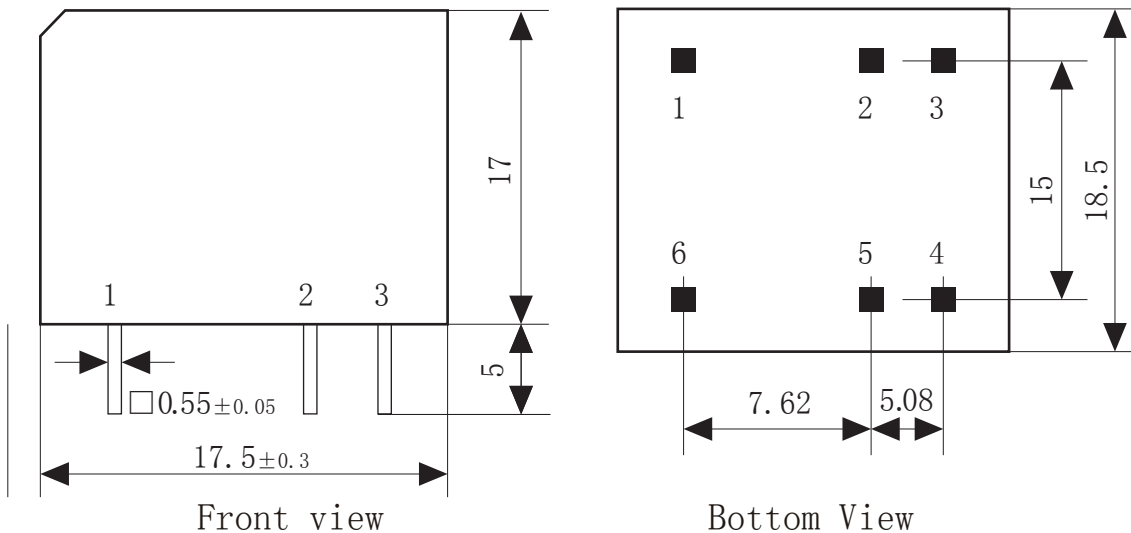
Sec/Sec 500V 50Hz 1min



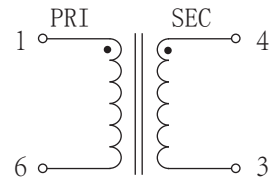
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

| Project \ Model Parameter | KMB472 -101 | KMB472 -103 | KMB472 -104B | KMB472 -113 | KMB472 -951 | KMB472 -211 | KMB472 -301 | KMB472 -311 | KMB472 -065 | Unit |
|--------------------------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| Vout microsecond integral | 400 | 240 | 400 | 14.4 | 750 | 750 | 1200 | 1200 | 750 | μvs |
| Input pulse amplitude | 8 | 12 | 8 | 12 | 15 | 15 | 24 | 24 | 15 | V |
| Output pulse amplitude | ≥5.5 | ≥11 | ≥5×2 | ≥10.4 | ≥5.5 | ≥5×2 | ≥5.5 | ≥5×2 | ≥4.5 | V |
| Turns ratio | 1:1 | 1:1 | 1:1:1 | 1:1 | 2:1 | 2:1:1 | 3:1 | 3:1:1 | 2.3:1 | |
| Load resistance | 20 | 100 | 20 | 1000 | 20 | 20 | 20 | 20 | 20 | Ω |
| duty ratio | 1:2 | 1:2 | 1:2 | 1:2 | 1:2 | 1:2 | 1:2 | 1:2 | 1:2 | |
| Pulse width | 50 | 20 | 50 | 1.2 | 50 | 50 | 50 | 50 | 50 | μs |
| Leading edge time | ≤1 | ≤0.1 | ≤1 | ≤0.1 | ≤1 | ≤1 | ≤1 | ≤1 | ≤1 | μs |
| Main circuit operating voltage | 440 | 440 | 440 | 220 | 440 | 440 | 440 | 440 | 440 | V |
| Weight | 12 | 12 | 12 | 10 | 12 | 12 | 12 | 12 | 12 | g |

Dimensions (in mm±0.5) :

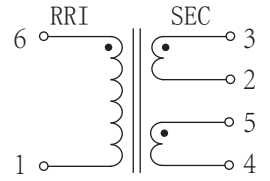


Schematic Diagram①:



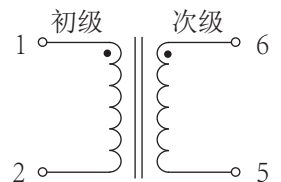
KMB472-951 KMB472-301
KMB472-101 KMB472-103
KMB472-113
2,5 are empty needles

Schematic Diagram②:



KMB472-104B
KMB472-211
KMB472-311

Schematic Diagram③:



KMB472-065
3,4 are empty needles