

# Universal SCR Trigger Transformer



Model:KMB321

characteristics:

It uses toroidal core to replace foreign similar products.It is used to drive SCR,IGBT and signal isolation transmission.

Technical indicators:

Installation method: PCB

Flame resistance: UL94-V0

Operating temperature: -20°C~+50°C

Storage temperature: -40°C~+85°C

Frequency range: 30KHz~200KHz

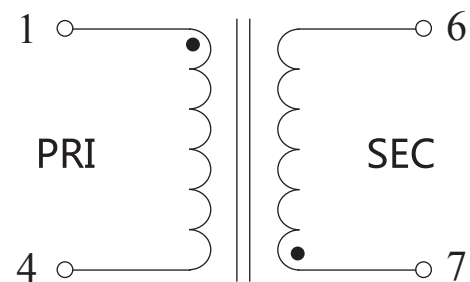
Dielectric strength: 1.5KV 50Hz 1min



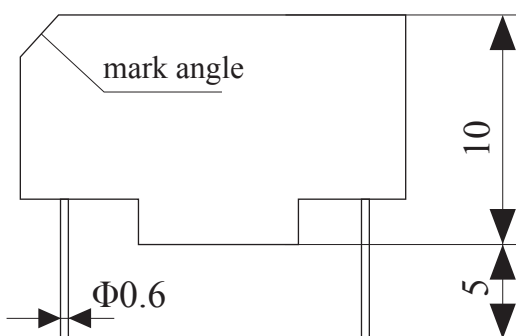
Electrical parameters:

| Project | Parameter                      | Model | KMB321 | Unit |
|---------|--------------------------------|-------|--------|------|
|         | Vout microsecond integral      |       | 80     | μvs  |
|         | Input pulse amplitude          |       | 8      | V    |
|         | Output pulse amplitude         |       | ≥7     | V    |
|         | Turns ratio                    |       | 1:1    |      |
|         | Load resistance                |       | 100    | Ω    |
|         | duty ratio                     |       | 1:2    |      |
|         | Pulse width                    |       | 10     | μs   |
|         | Leading edge time              |       | ≤1     | μs   |
|         | Main circuit operating voltage |       | 380    | V    |
|         | Weight                         |       | 3      | g    |

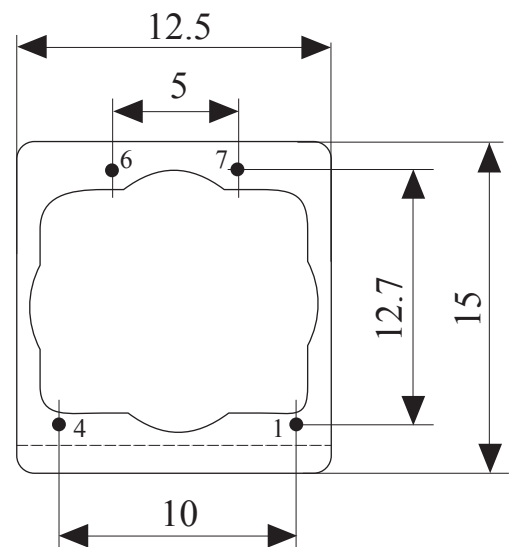
Connection diagram:



Dimensions (in mm) :



Side View



Bottom View