

# Universal SCR Trigger Transformer



Model:KMB419-201S

characteristics:

Applicable for triggering of pulse string SCR below 1000A.

Technical indicators:

Installation method: PCB

Flame resistance: UL94-V0

Operating temperature:  $-20^{\circ}\text{C}\sim+50^{\circ}\text{C}$

Storage temperature:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

Frequency range: 1KHz $\sim$ 50KHz

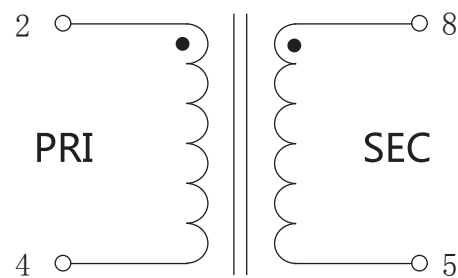
Dielectric strength: 5KV 50Hz 1min



Electrical parameters:

|                                |          |                |
|--------------------------------|----------|----------------|
| Vout microsecond integral      | 1500     | $\mu\text{vs}$ |
| Pulse width (D=1:2)            | 100      | $\mu\text{s}$  |
| Ratio                          | 2 : 1    |                |
| Input amplitude                | 15       | V              |
| Output amplitude               | $\geq 5$ | V              |
| Load impedance                 | 7        | $\Omega$       |
| Leading edge time              | $\leq 5$ | $\mu\text{s}$  |
| Main circuit operating voltage | 660      | V              |
| Weight                         | 20       | g              |

Connection diagram:



Dimensions (in mm) :

