

Characteristics:

Suitable for 2000A SCR pulse train trigger.

Technical Index:

Mounting type: PCB

Flame resistance : UL94-V0

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

Storage temperature: $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Work frequency: 1KHz~50KHz

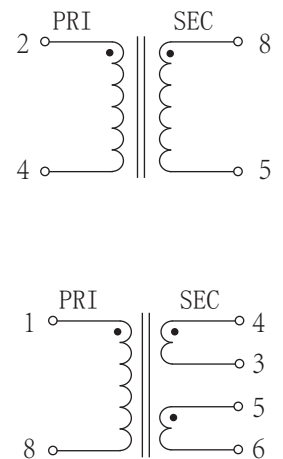
Dielectric strength: Pri/Sec 5KV 50Hz 1min

Sec/Sec 500V 50Hz 1min

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



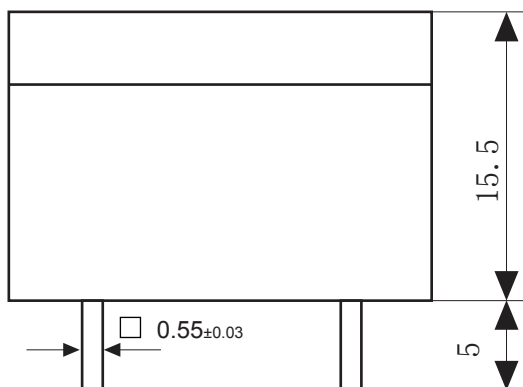
Schematic diagram:



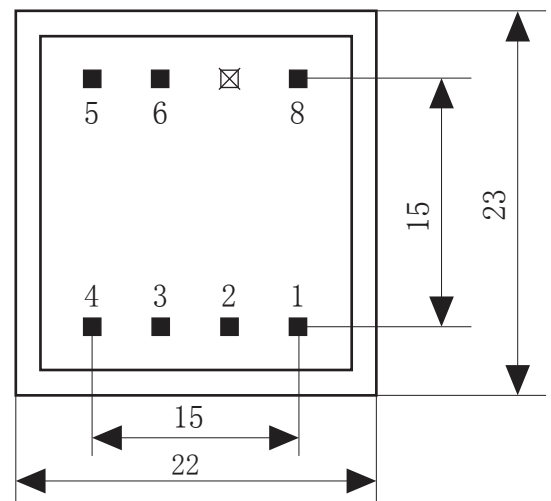
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Project \ Model Parameter	KMB519 -101	KMB519 -201	KMB519 -301	KMB519 -111	KMB519 -211	KMB519 -311	Unit
Vout microsecond integral	800	1500	2400	800	1500	2400	μVs
Input pulse amplitude	8	15	24	8	15	24	V
Output pulse amplitude	≥ 6	≥ 5.5	≥ 5.5	$\geq 5 \times 2$	$\geq 5 \times 2$	$\geq 5 \times 2$	V
Turns ratio	1:1	2:1	3:1	1:1:1	2:1:1	3:1:1	
Load resistance	7	7	7	7	7	7	Ω
Duty ratio	1:2	1:2	1:2	1:2	1:2	1:2	
Pulse width	100	100	100	100	100	100	μs
Leading edge time	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4	μs
Main circuit operating voltage	660	660	660	660	660	660	V
Weight	19	19	19	19	19	19	g

Dimensions (in $\text{mm} \pm 0.5$) :



Top view



Bottom view