

KMB-00 Universal SCR Trigger Transformer



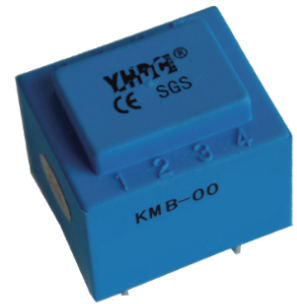
Characteristics:

Epoxy potting, EI type high quality silicon steel sheet, suitable for single pulse or double narrow pulse SCR triggering below 100A.

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

Technical Index:

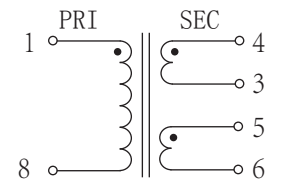
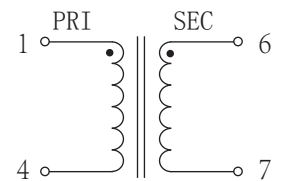
- Installation method: PCB
- Flame resistance : UL94-V0
- Operation temperature: -20℃ ~ +50℃
- Storage temperature: -40℃ ~ +85℃
- Work frequency: 50Hz ~ 1000Hz
- Dielectric strength: Pri/Sec 3KV 50Hz 1min
Sec/Sec 500V 50Hz 1min



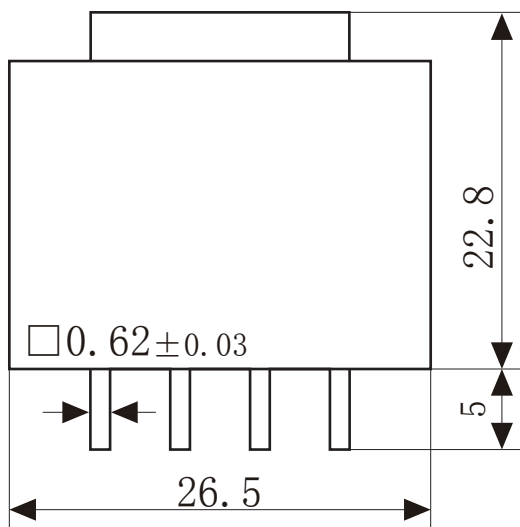
Schematic Diagram:

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

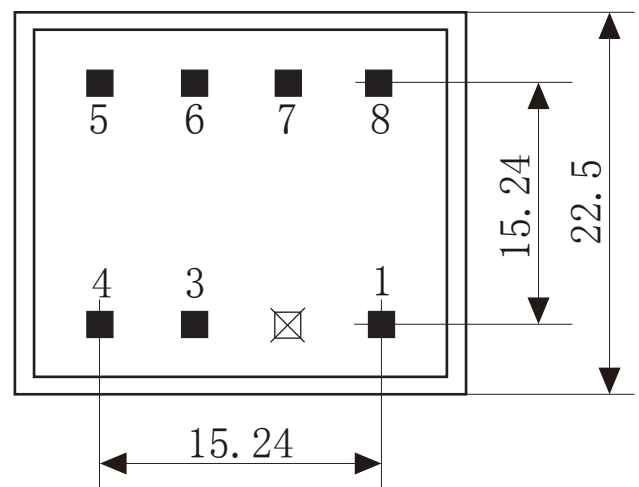
Project	Parameter	Model	KMB-0011	KMB-0021	KMB-0031	KMB-0012	KMB-0022	KMB-0032	Unit
	Vout microsecond integral		4800	9000	14400	4800	9000	14400	μvs
	Input pulse amplitude		8	15	24	8	15	24	V
	Output pulse amplitude		≥6	≥6	≥6	≥5	≥5	≥5	V
	Turns ratio		1:1	2:1	3:1	1:1:1	2:1:1	3:1:1	
	Load resistance		20	20	20	20	20	20	Ω
	duty ratio		1:2	1:2	1:2	1:2	1:2	1:2	
	Pulse width		600	600	600	600	600	600	μs
	Leading edge time		≤6	≤6	≤6	≤6	≤6	≤6	μs
	Main circuit operating voltage		380	380	380	380	380	380	KV
	Weight		40	40	40	40	40	40	g



Dimensions (in mm±0.5) :



Front view



Bottom View