

KMB-00 Universal SCR trigger transformer



Characteristics:

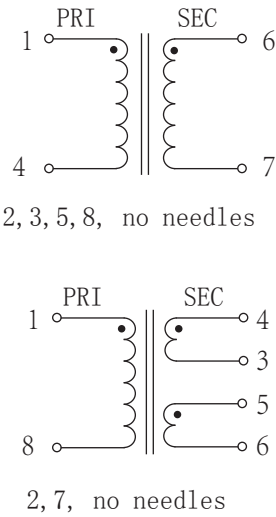
Vacuum epoxy encapsulated, EI type high-quality laminated silicon steel, suitable for single pulse or double narrow pulse thyristor trigger below 100A.

Technical index:

- Mounting type: 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



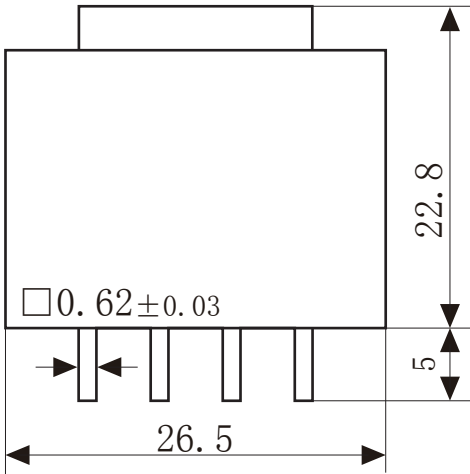
Schematic diagram:



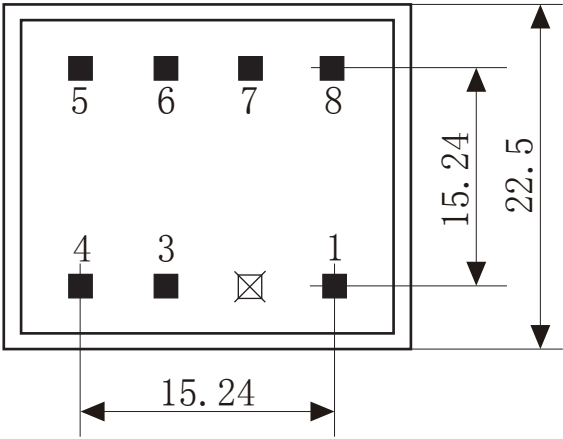
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

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	V
	Weight		40	40	40	40	40	40	g

Dimensions (in mm±0.5) :



Front view



Bottom view