

## Characteristics:

Suitable for 2000A SCR pulse train trigger.

## Technical Index:

Installation method: PCB

Flame resistance : UL94-V0

Operation temperature: -20 °C ~ +50 °C

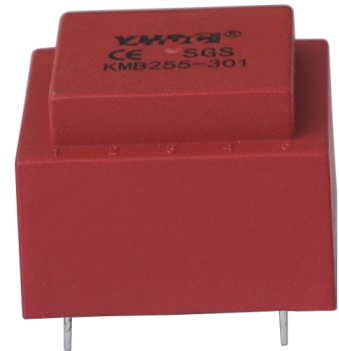
Storage temperature: -30 °C ~ +85 °C

Work frequency: 1KHz~20KHz

Dielectric strength: Pri/Sec 4KV 50Hz 1min

Sec/Sec 500V 50Hz 1min

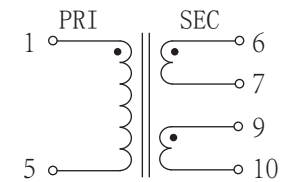
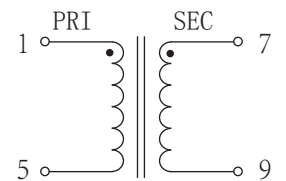
Product picture print for reference only,  
subject to the actual product



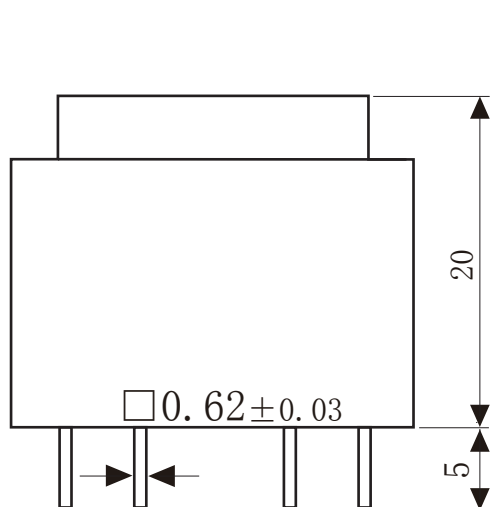
Schematic Diagram :

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

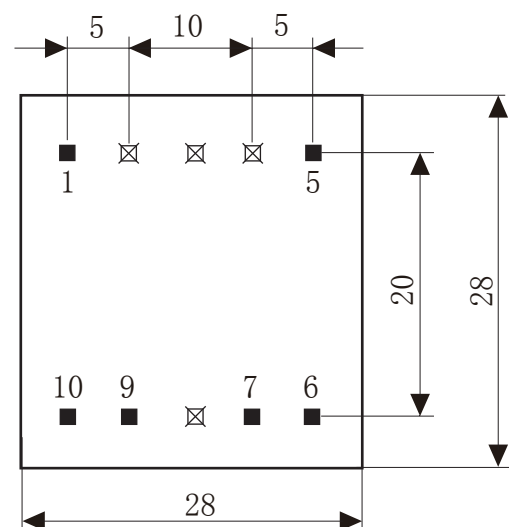
Project	Parameter	Model	KM255-101	KM255-201	KM255-301	KM255-111	KM255-211	KM255-311	Unit
	Vout microsecond integral		2000	3750	6000	1920	3600	4800	μvs
	Input pulse amplitude		8	15	24	8	15	24	V
	Output pulse amplitude		≥6	≥5	≥5	≥5.5×2	≥5×2	≥5×2	V
	Turns ratio		1:1	2:1	3:1	1:1:1	2:1:1	3:1:1	
	Load resistance		20	20	20	20	20	20	Ω
	duty ratio		1:2	1:2	1:2	1:2	1:2	1:2	
	Pulse width		250	250	250	240	240	200	μs
	Leading edge time		≤7	≤7	≤7	≤7	≤7	≤7	μs
	Main circuit operating voltage		500	500	500	500	500	500	KV
	Weight		35	35	35	35	35	35	g



Dimensions (in mm±0.5) :



Top view



Bottom View