

# KMG4950 High Isolated Voltage SCR Trigger Transformer **YHDC** 1992®

Patent no.:ZL 2020 2 1285449.4

## Characteristics:

Vacuum epoxy potting, High isolation voltage, used for the main circuit voltage of 660V.

## Technical Index:

Technical Index: Sub-plate mount

Flame resistance : UL94-V0

Operation temperature: -20 C ~+50 C

Storage temperature: -30 C ~+85 C

Work frequency: 1KHz~20KHz

Dielectric strength: Pri/Sec 30KV 50Hz 1min

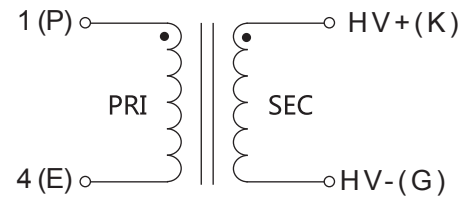
Product picture print for reference only, subject to the actual product



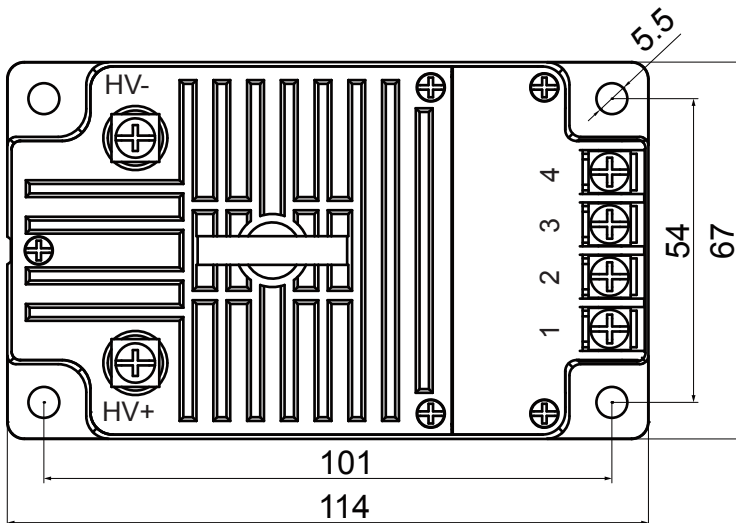
**Electrical parameters:** ( The following parameters are typical values and actual values will be subject to product testing )

Project	Parameter	Model	KMG4950-101	KMG4950-201	KMG4950-301	Unit
	Vout microsecond integral		2000	3000	4800	μvs
	Input pulse amplitude		10	15	24	V
	Output pulse amplitude		≥8	≥7	≥7.4	V
	Turns ratio		1:1	2:1	3:1	
	Load resistance		7	7	7	Ω
	duty ratio		1:2	1:2	1:2	
	Pulse width		200	200	200	μs
	Leading edge time		≤5	≤5	≤5	μs
	Main circuit operating voltage		5	5	5	KV
	Weight		580	580	580	g

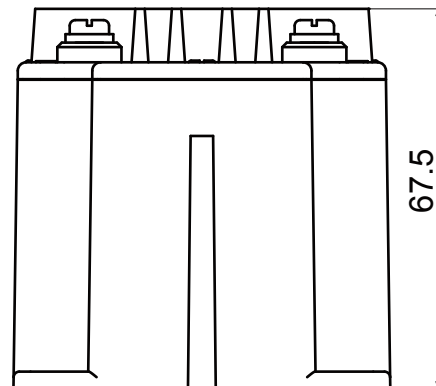
Schematic Diagram :



Dimensions (in mm±0.5) :



Top view



Side view