

Characteristics:

Suitable for 100A SCR pulse train trigger.

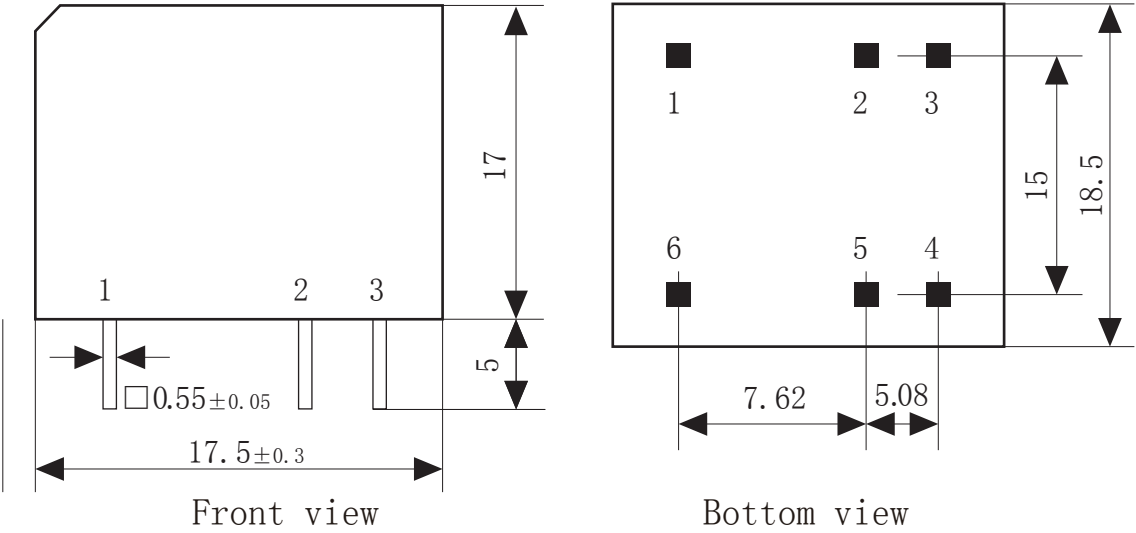
Technical index:

- Mounting type: PCB
- Flame resistance : UL94-V0
- Operation temperature: -20℃ ~+50℃
- Storage temperature: -30℃ ~+85℃
- Work frequency: 1KHz~10KHz
- Dielectric strength: Pri/Sec 3.5KV 50Hz 1min (KMB113 Pri/Sec 1KV 50Hz 1min)
Sec/Sec 500V 50Hz 1min

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

Project \ Model	Parameter	KMB472-101	KMB472-103	KMB472-104B	KMB472-113	KMB472-951	KMB472-211	KMB472-301	KMB472-311	KMB472-065	Unit
Vout microsecond integral		400	240	400	14.4	750	750	1200	1200	750	μvs
Input pulse amplitude		8	12	8	12	15	15	24	24	15	V
Output pulse amplitude		≥5.5	≥11	≥5×2	≥10.4	≥5.5	≥5×2	≥5.5	≥5×2	≥4.5	V
Turns ratio		1:1	1:1	1:1:1	1:1	2:1	2:1:1	3:1	3:1:1	2.3:1	
Load resistance		20	100	20	1000	20	20	20	20	20	Ω
Duty ratio		1:2	1:2	1:2	1:2	1:2	1:2	1:2	1:2	1:2	
Pulse width		50	20	50	1.2	50	50	50	50	50	μs
Leading edge time		≤1	≤0.1	≤1	≤0.1	≤1	≤1	≤1	≤1	≤1	μs
Main circuit operating voltage		440	440	440	220	440	440	440	440	440	V
Weight		12	12	12	10	12	12	12	12	12	g

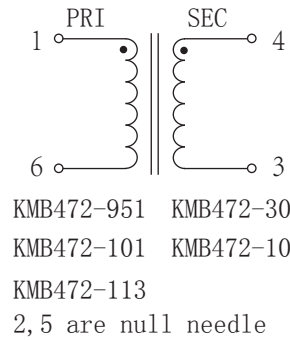
Dimensions (in mm±0.5) :



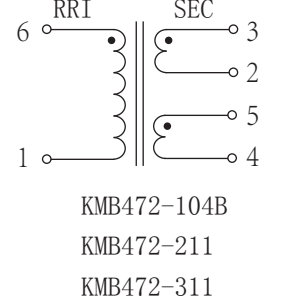
Product picture print for reference only,
subject to the actual product



Schematic diagram①:



Schematic diagram②:



Schematic diagram③:

