

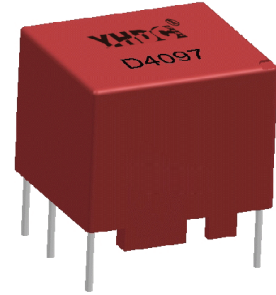
Characteristics:

It is used to drive IGBT, MOS pipe and transmit high-frequency signal isolation.

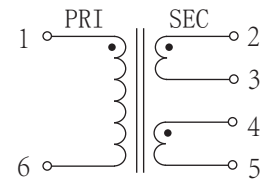
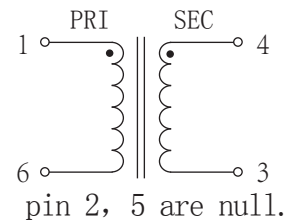
Technical Index:

- Installation method: PCB
- Flame resistance : UL94-V0
- Operation temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
- Storage temperature: $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Work frequency: 30KHz~200KHz
- Dielectric strength: Pri/Sec 4KV 50Hz 1min
Sec/Sec 500V 50Hz 1min

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



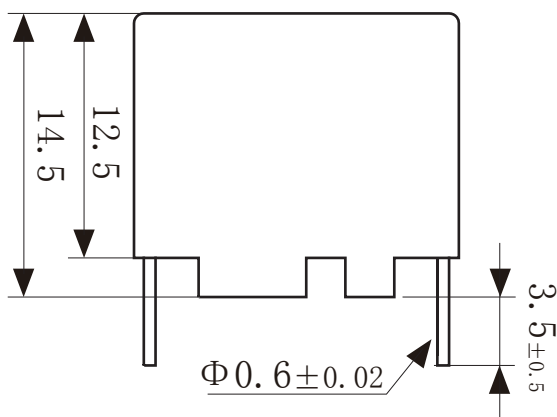
Schematic Diagram:



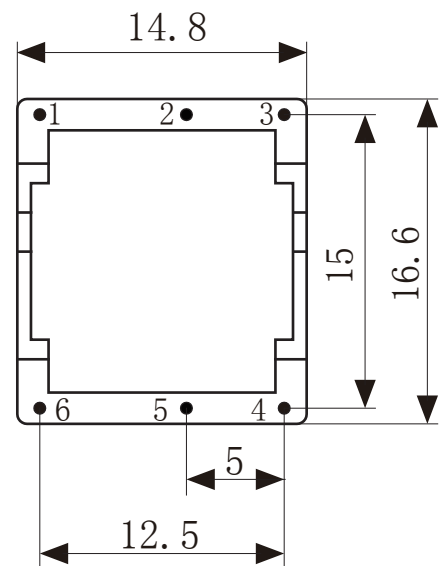
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Project	Model Parameter	Model						Unit
		D4097 -101	D4097 -201	D4097 -301	D4097 -111	D4097 -211	D4097 -311	
Vout microsecond integral		285	300	360	285	300	360	μvs
Input pulse amplitude		15	20	30	15	20	30	V
Output pulse amplitude		≥ 14.4	≥ 9.5	≥ 10	$\geq 14.2 \times 2$	$\geq 9.5 \times 2$	$\geq 10 \times 2$	V
Turns ratio		1:1	2:1	3:1	1:1:1	2:1:1	3:1:1	
Load resistance		100	100	100	100	100	100	Ω
duty ratio		1:2	1:2	1:2	1:2	1:2	1:2	
Pulse width		19	15	12	19	15	12	μs
Leading edge time		≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	μs
Main circuit operating voltage		380	380	380	380	380	380	V
Weight		6	6	6	6	6	6	g

Dimensions (in mm ± 0.5) :



Front view



Bottom View