

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: $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$

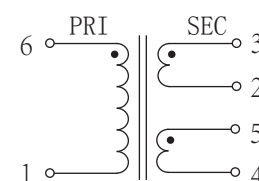
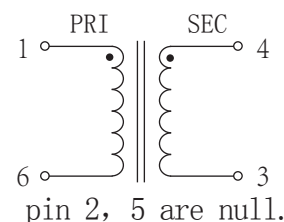
Work frequency: 20KHz~200KHz

Dielectric strength: Pri/Sec 3.5KV 50Hz 1min
Sec/Sec 500V 50Hz 1min

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



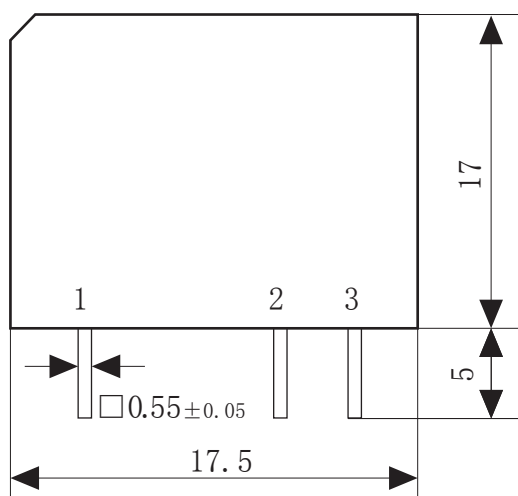
Schematic Diagram:



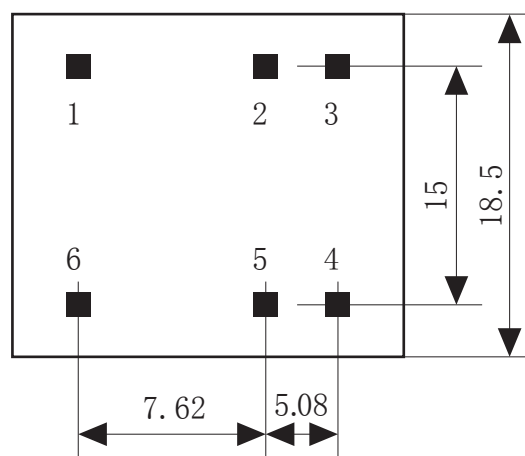
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Project	Model Parameter	D4721	D4721	D4721	D4721	D4721	D4721	Unit
		-101	-201	-301	-111	-211	-311	
Vout microsecond integral		225	300	450	225	300	450	μvs
Input pulse amplitude		15	20	30	15	20	30	V
Output pulse amplitude		≥ 14.4	≥ 9.4	≥ 10	$\geq 14.6 \times 2$	$\geq 9 \times 2$	$\geq 10.2 \times 2$	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		15	15	15	15	15	15	μs
Leading edge time		≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	μs
Main circuit operating voltage		500	500	500	500	500	500	V
Weight		12	12	12	12	12	12	g

Dimensions (in mm ± 0.5) :



Front view



Bottom View