

### Characteristics:

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

### Technical index:

- Mounting type: 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: 15KHz~200KHz
- Dielectric strength: Pri/Sec 5KV 50Hz 1min  
Sec/Sec 500V 50Hz 1min

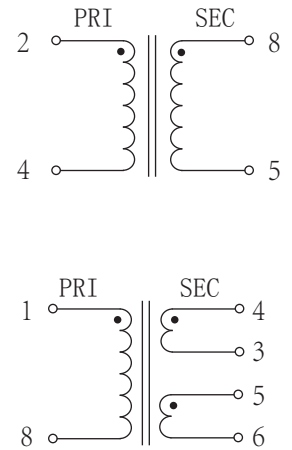
Product picture print for reference only, subject to the actual product



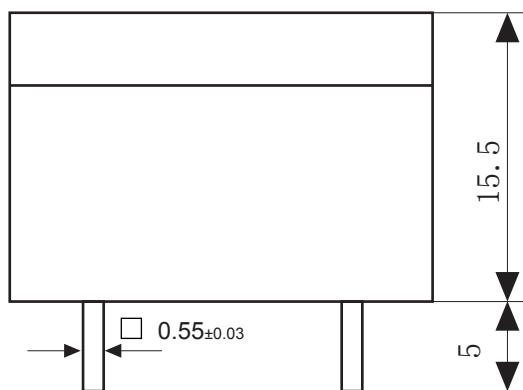
### Schematic diagram:

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

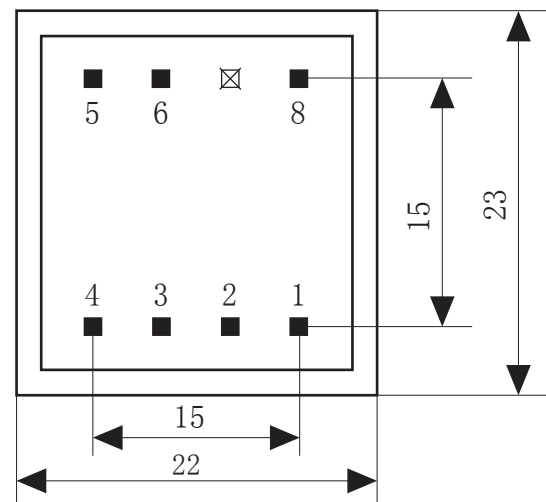
Project	Model Parameter	D5191	D5191	D5191	D5191	D5191	D5191	Unit
		-101	-201	-301	-111	-211	-311	
Vout	microsecond integral	450	600	900	450	600	900	$\mu\text{Vs}$
Input	pulse amplitude	15	20	30	15	20	30	V
Output	pulse amplitude	$\geq 14.3$	$\geq 9.8$	$\geq 9.8$	$\geq 14.3 \times 2$	$\geq 9.8 \times 2$	$\geq 9.8 \times 2$	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	$\Omega$
Duty	ratio	1:2	1:2	1:2	1:2	1:2	1:2	
Pulse	width	30	30	30	30	30	30	$\mu\text{s}$
Leading	edge time	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\mu\text{s}$
Main	circuit operating voltage	660	660	660	660	660	660	V
Weight		18	18	18	18	18	18	g



### Dimensions (in mm $\pm 0.5$ ) :



Front view



Bottom view