

## 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: 10KHz~100KHz

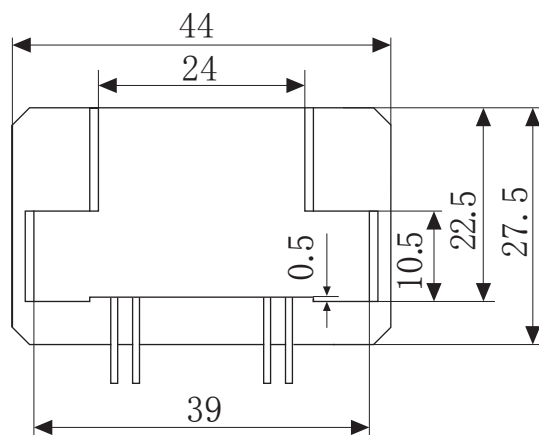
Dielectric strength: Pri/Sec 5KV 50Hz 1min

Sec/Sec 500V 50Hz 1min

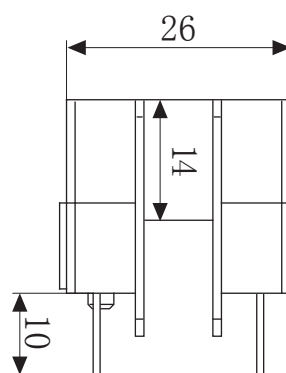
**Electrical parameters:** ( The following parameters are typical values and actual values will be subject to product testing )

Project \ Model Parameter	DX091	DX091-1111	DX091-101	DX091-X096	Unit
Vout microsecond integral	12	12	12	120	$\mu\text{Vs}$
Input pulse amplitude	12	12	12	$12 \times 2$	V
Output pulse amplitude	$\geq 10$	$\geq 10$	$\geq 10$	11/11.8	V
Turns ratio	1:1:1:1	1:1:1:1	1:1	1:1:1:0.94	
Load resistance	100	100	100	100	$\Omega$
duty ratio	1:2	1:2	1:2	1:2	
Pulse width	1	1	1	10 (33KHz)	$\mu\text{s}$
Leading edge time	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\leq 0.2$	$\mu\text{s}$
Main circuit operating voltage	380	380	380	380	V
Weight	32	32	32	32	g

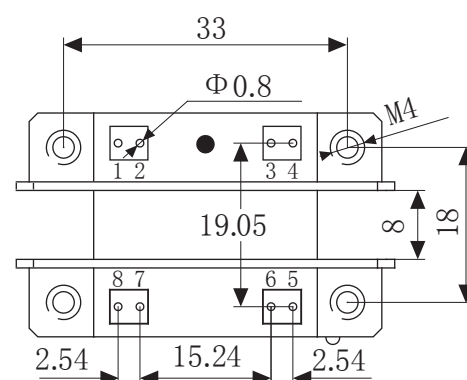
Dimensions (in  $\text{mm} \pm 0.5$ ) :



Front view



Side View

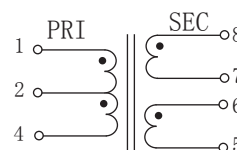


Bottom View

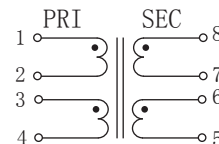
Product picture print for reference only, subject to the actual product



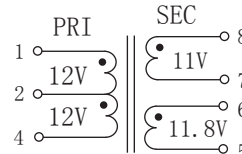
DX091 Schematic Diagram :



DX091-1111 Schematic Diagram :



DX091-X096 Schematic Diagram :



DX091-101 Schematic Diagram :

