

D4282V



Characteristics:

Used for IGBT, MOS tube drive and high frequency signal isolation transmission.

Technical index:

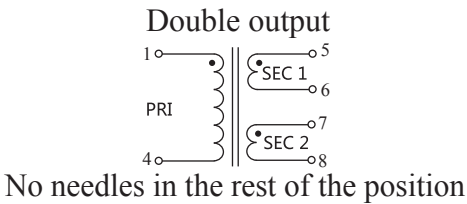
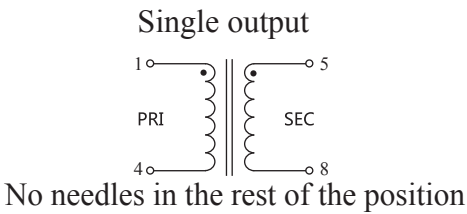
- Mounting type: PCB
- Flame resistance : UL94-V0
- Operation temperature: -40℃~+85℃
- Storage temperature: -40℃~+85℃
- Work frequency: 10KHz~100KHz
- Dielectric strength: Pri./Sec. 4.5KV 50Hz 1min 5mA,
Sec/Sec 500V 50Hz 1min 5mA



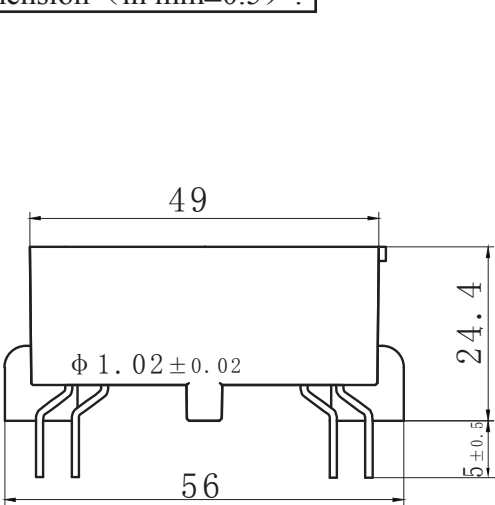
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Item	Model Data	D4282V -101	D4282V -201	D4282V -301	D4282V -111	D4282V -211	D4282V -311	Unit
Volt microsecond product		1000	1000	1000	1000	1000	1000	μvs
Input pulse amplitude		15	20	30	15	20	30	V
Output pulse amplitude		≥12	≥8	≥8	≥12×2	≥8×2	≥8×2	V
Turns ratio		1:1	2:1	3:1	1:1:1	2:1:1	3:1:1	
Load resistance		20	20	20	20	20	20	Ω
Duty ratio D=1:2		1:2	1:2	1:2	1:2	1:2	1:2	
Pulse width		66	50	33	66	50	33	μs
Leading edge time		≤1	≤1	≤1	≤1	≤1	≤1	μs
Max.operating voltage of the main circuit		500	500	500	500	500	500	V
Weight		44	44	44	44	44	44	g

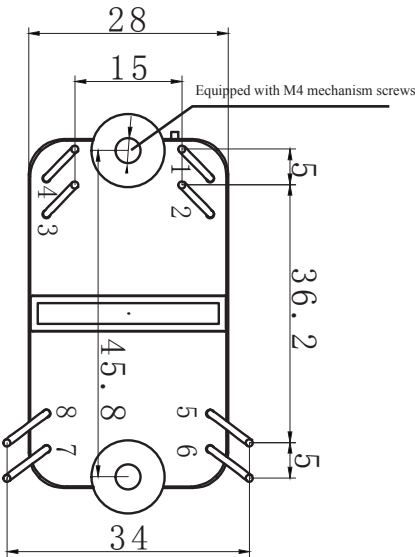
Schematic diagram:



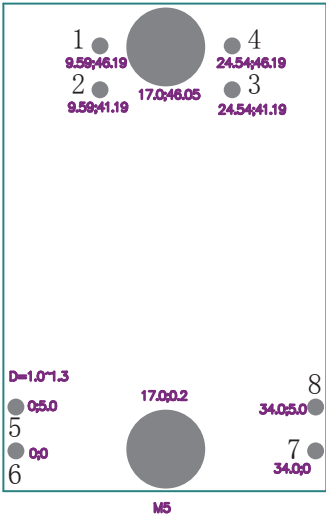
Dimension (in mm±0.5) :



Front view



Bottom view



PCB location instance