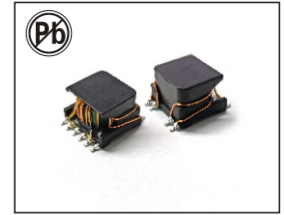


SMD GATE DRIVE TRANSFORMERS

GT09 SERIES



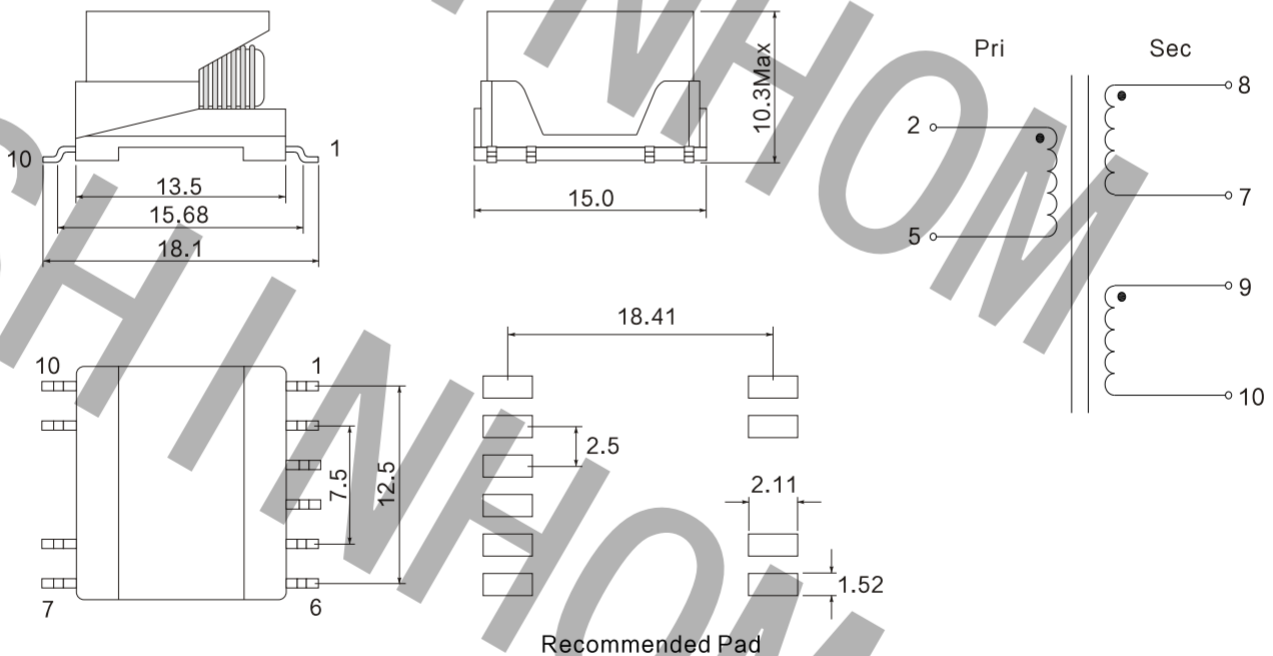
FEATURES:

- Toroid core for high coupling and low radiation
- Isolated gate driver power supply
- Wide input supply voltage up to 20 V Supports up to 5W output power
- Frequency of 50 kHz or 65 kHz
- Duty cycle adjustment from 10% to 50%
- Adjustable overcurrent threshold Short circuit protection of outputs Over-tensignals operation Small space-saving package
- Hi-Pot: Pri to Sec 4.5KVAc, 60 seconds
- RoHS compliant

ELECTRICAL CHARACTERISTICS@25°C

Part Number	Turns ratio N1:N2:N3	Pri inductance (uH) Min	Pri LK 100KHz,0.1V (uH) Max	DCR 2-5 (Ω) Max	DCR 8-7,9-10 (Ω) Max	Vin (Vdc)	Out1 (Vdc)	I out (mA)
GT09-001	1.71:1:1	730@100KHz	4	0.115	0.085	13.5	22.5	130
GT09-002	1.25:1:1	710@66KHz	3	0.10	0.40	15	22.5	130
GT09-003	1.5:1:1	750@50KHz	2.7	0.085	0.085	15	19	160
GT09-004	1.4:1:1	470@50KHz	2	0.085	0.085	15	20.5	153

PHYSICAL CHARACTERISTICS & WINDING



- Rated Current: Temp. rise 40°C Typ
- Operating temperature: -40°C to +125°C
- Storage Temperature: 15°C up to 25°C, 65% RH max.

Note: All specifications subject to change without notice.