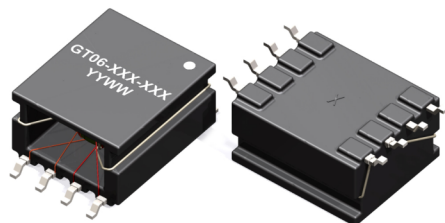


# GT06 Series Gate Drive Transformers



## FEATURES

- 12.5 mm creepage/clearance
- Optimized for frequencies from 40 kHz to 350 kHz
- Suitable for pick and place applications

## APPLICATIONS

- Gate Drive Transformer
- Signal Transformer Across Isolation Barrier

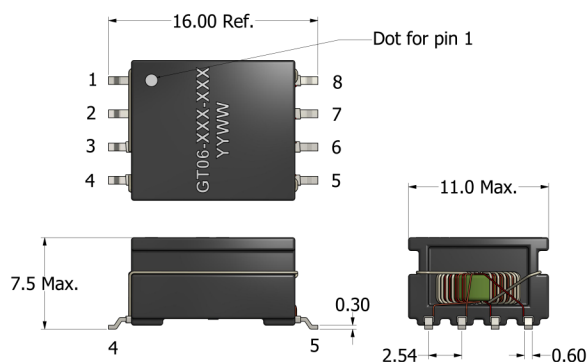
## PACKAGING

Reel Diameter: 13"

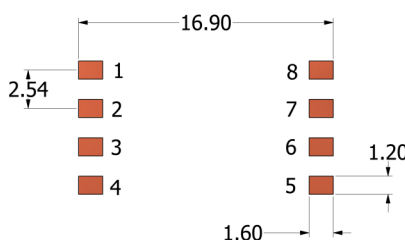
Reel Width: 32 mm

Pieces Per Reel: 400

## Mechanical Drawing

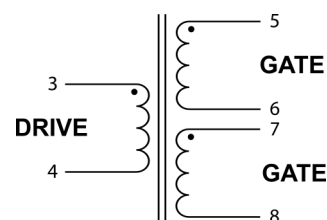


## Recommended PCB Layout



TOP VIEW

## Schematic



Unit: mm

## Electrical Specifications

Part Number	Turns Ratio Drive:Gate	Drive Ind. <sup>1</sup> (μH, min.)	DCR <sup>2</sup> (mΩ, max.)	Lkg. Ind. (nH,max.)	E-T Prod. <sup>5</sup> (V-μs)	Hi-Pot (Drive:Gate)	Hi-Pot (Gate:Gate)
GT06-111-049	1:1:1	882	720:720	360	49	3750 V <sub>AC</sub>	1500 V <sub>DC</sub>
GT06-111-100	1:1:1	2000	1430:1300	470	100	3750 V <sub>AC</sub>	1500 V <sub>DC</sub>
GT06-122-053	1:2.5:2.5	162	360:720	240	53	3750 V <sub>AC</sub>	1500 V <sub>DC</sub>

1. Tested at 100kHz, 0.1 Vrms.

2. Electrical specifications at 25°C.

3. Operating range: -40°C to +130°C.

4. Meets UL 94V-0.

5. E-T product rating is for secondary (gate) windings in a bipolar drive application at 25°C. Derate the E-T product rating by 20% for operation at 100°C.



Specifications subject to change without prior notice.