

GATE DRIVER TRANSFORMER

GT02 SERIES

FEATURES:

- RoHS compliant
- Basic insulation
- 1500VDC insulation between Gate and Driver
- Surface mount design
- Operating frequency: 50KHz and up
- Custom design is available
- Solder profile acc.JEDEC-20C
- Footprint size: 8.4 x 5.7 x 4.0

APPLICATIONS:

- Telecom power
- Base stations
- Servers

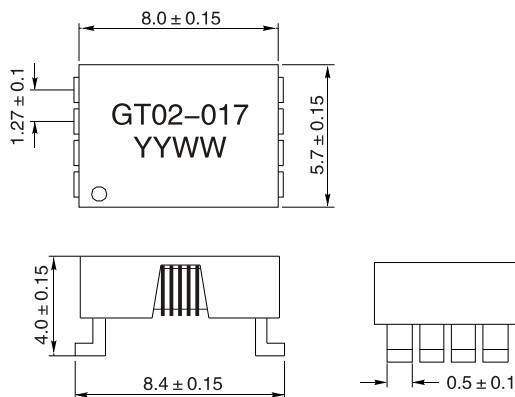


ELECTRICAL CHARACTERISTICS@25°C

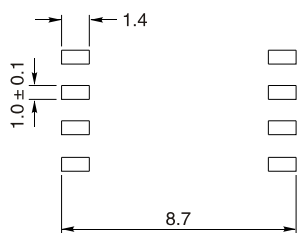
Part Number	Turns ratio N1:N2:N3 (± 3%)	Inductance(4-1) (uH) ± 20% 100KHz,0.1V	LK(4-1) (uH) Min 100KHz,0.1V Short other pins	DCR(4-1) (mΩ) Max	Hi-Pot (Vrms) N1 to N2,N3
GT02-017	37:36:36	33	10	646	1500Vdc
GT02-018	42:23:23	43	10	710	1500Vdc
GT02-019	33:44:44	28	10	669	1500Vdc
GT02-029	10:25	2.5	0.5	85	1500Vdc

TECHNICAL INFORMATION & WINDING

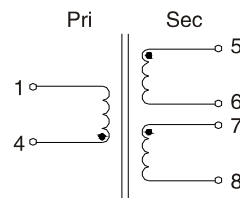
Dimensions(mm)



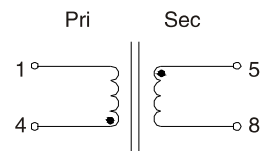
SUGGESTED PAD LAYOUT



GT02-017
GT02-018
GT02-019



GT02-029



ABSOLUTE MAXIMUM RATINGS

- Operating temperature rang: -40°C to +125°C (including self temperature rise)
- Storage temperature rang: -40°C to +125°C

SOLDERING INFORMATION

- Peak reflow temperature: 250°C
- Pin finish: Hot dipped tin
- Moisture sensitivity level: 2

PACKAGING INFORMATION

- Tape&Reel: 200pcs per reel

NOTES

1. Electrical specification at 25°C