



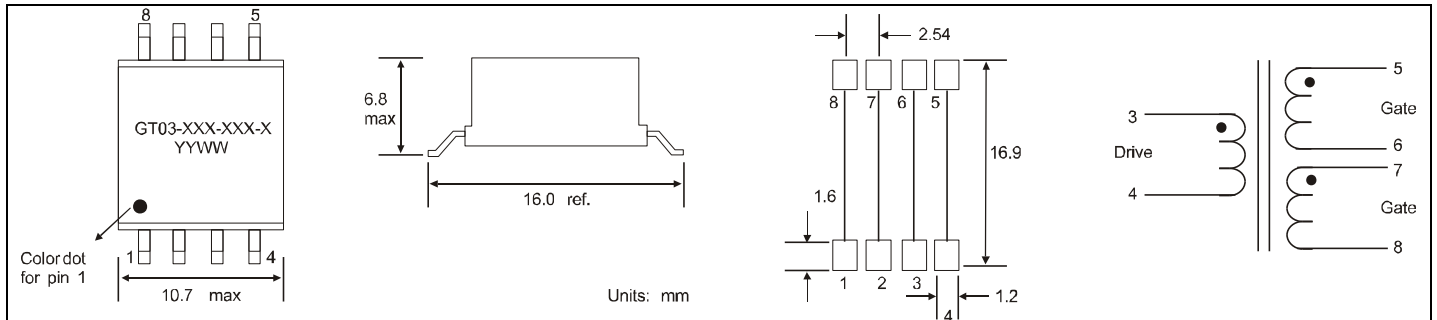
GT03 Series Gate Driver Transformer

FEATURES

- Meets medical VDE Creepage/Clearance
- Optimized for Frequencies from 100KHz - 350KHz
- Suitable for Pick and Place Applications

APPLICATION

- Gate Driver Transformer
- AC-DC and DC-DC Converters
- Signal Transformer Across Isolation Barrier



Part Number	Turns Ratio Drive:Gate	Drive Ind.1 (μ Hmin.)	DCR (mOhm/max.)	Lkg.Ind. (NH,max.)	E-T Prod5 (V- μ s)	Hi-Pot
TGT03-111-034-A	1:1:1	882	550:550	300	34.60	1500 Vdc
TGT03-111-052-A	1:1:1	1985	850:850	370	51.90	1500 Vdc
TGT03-111-069-A	1:1:1	2000	1300:1300	300	69.00	1500 Vdc
TGT03-111-110-A	1:1:1	5100	1900:1900	550	110.00	1500 Vdc
TGT03-122-037-A	1:2.5:2.5	162	265:590	180	37.10	1500 Vdc
TGT03-122-055-A	1:2.5:2.5	365	400:900	300	55.60	1500 Vdc
TGT03-111-034-B	1:1:1	882	600:600	360	34.60	3750 Vdc
TGT03-111-069-B	1:1:1	2000	1460:1300	470	69.00	3750 Vdc
TGT03-122-037-B	1:2.5:2.5	162	280:590	240	37.10	3750 Vdc
TGT03-111-034-C	1:1:1	882	600:600	360	34.60	3750 Vdc
TGT03-111-069-C	1:1:1	2000	1430:1300	470	69.00	3750 Vdc
TGT03-122-037-C	1:2.5:2.5	162	280:590	240	37.10	3750 Vdc

TGT03-XXX-XXX: 0mm Creepage/Clearance B: 3mm Clearance C: 8mm Creepage/Clearance

1. Tested at 100KHz, 0.1Vrms.
2. Operating Temp Range: -40°C +130°C
3. E-T product rating is for secondary (gate) windings and is based upon flux density of 2200 gauss at 25°C in a bipolar drive application.
4. Electrical Specification at 25°C
5. Meets UL94V-0
6. Meets Class F(155°C) insulation system Requirements