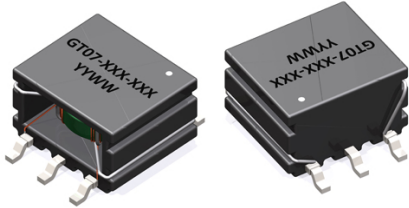


GT07 Series SMT Gate Drive Transformers



FEATURES

- 9.2 mm Creepage
- 8.0 mm Clearance
- Optimized for frequencies from 50kHz to 1MHz
- Suitable for pick-and-place applications
- Designed to work with TI SN6500 series Transformer Drivers

APPLICATIONS

- Gate Drive Transformer
- Signal Transformer Across Isolation Barrier
- Small Form Factor Push-Pull Transformers for Low-Noise Isolated Power Supplies

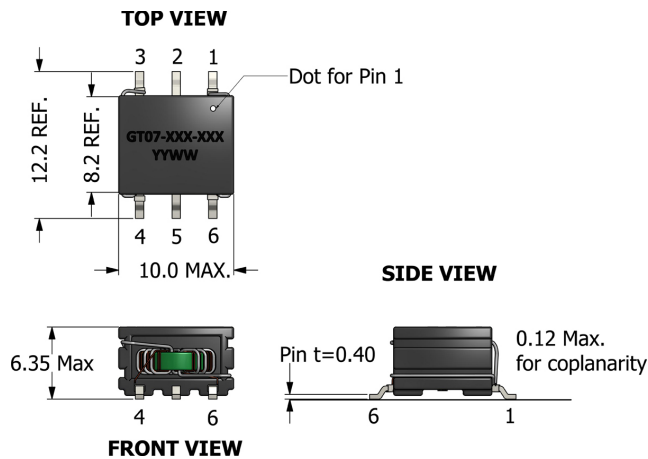
PACKAGING

Reel Diameter: 13"

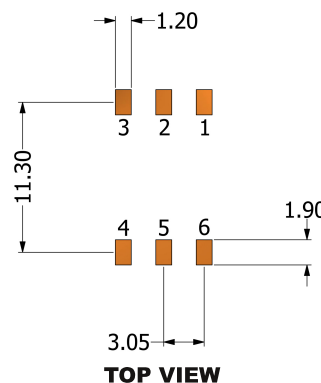
Reel Width: 24 mm

Pieces Per Reel: 500

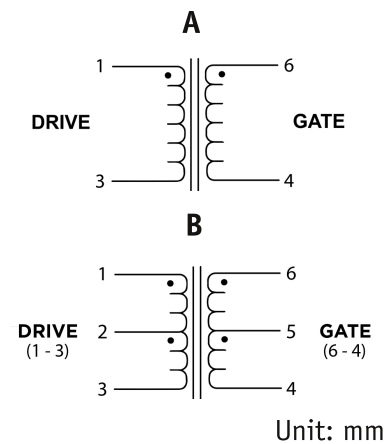
Mechanical Drawing



Recommended PCB Layout



Schematic



Electrical Specifications

Part Number	Turns Ratio Drive:Gate	Drive Ind. ¹ (μ H, min.)	DCR ² (m Ω , max.)	Lkg. Ind. ⁴ (μ H, max.)	E-T Prod. ⁵ (V- μ s)	Hi-Pot ⁶ (V _{AC}) (Drive:Gate)	Schematic
GT07-110-013	1:1	100	370:300	0.30	13	6250	A
GT07-110-027	1:1.1	340	720:530	0.60	27	6250	B
GT07-120-045	1:2.57	166	520:720	0.35	45	3750	B

Notes:

1. Tested at 100kHz, 0.1Vrms (Terminals 1-3).
2. Electrical specifications at 25°C.
3. Operating range: -40°C to +125°C.
4. Drive terminals 1-3 (4, 6 shorted).
5. E-T product rating is for (6-4) windings and is based upon flux density of 2800 Gauss at 25°C in a bipolar drive applications.
6. Tested at 60Hz, 1mA, 1 second.
7. Meets UL 94V-0.



Specifications subject to change without prior notice.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Pulse Transformers](#) category:

Click to view products by [ICE](#) manufacturer:

Other Similar products are found below :

[E4001NLT](#) [1879401-1](#) [IF-18-0269-N](#) [T1049NL](#) [PE-68023NL](#) [PH0905NL](#) [PT4163S](#) [PT5010](#) [PA0173NLT](#) [CTX02-14608](#) [PE-65457NLT](#)
[T60403-D4721-X088](#) [H1183NLT](#) [CTX33-18971-R](#) [HM2108NLT](#) [HM0068ANLT](#) [PG1427.001NLT](#) [750313723](#) [750031353](#)
[PH9400.566NLT](#) [PH9400.655ANLT](#) [PH9400.655NLT](#) [PH9385.013NLT](#) [HX6096FNL](#) [HX6106NLT](#) [P0926NL](#) [HX6096NL](#) [PA3493NLT](#)
[P0585ANL](#) [H1183NL](#) [HU4102NL](#) [PH9385.012NLT](#) [78601/9JC-R](#) [PH9400.111NLT](#) [PH9400.211NLT](#) [PH9400.233ANLT](#) [SMQC1553-6](#)
[SMQ1553-45](#) [Q1553-45](#) [Q1553-22](#) [Q1553-21](#) [PH9400.211ANLT](#) [TGMR-1450V6LF](#) [TGMR-360V6LF](#) [P0544](#) [PA0264NLT](#) [T60403-](#)
[D4215-X014](#) [T60403-F4185-X035](#) [CTX02-13400](#) [CTX02-14121](#)