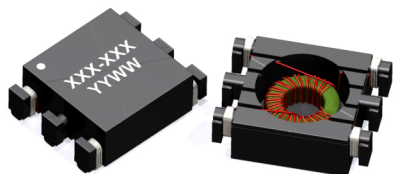


GT02 Series Gate Drive Transformers



FEATURES

- Low Profile - 3mm
- Designed for frequencies from 75kHz to over 1MHz
- Suitable for pick-and-place applications

APPLICATIONS

- Gate Drive Transformer
- AC/DC and DC/DC Converters
- Pulse/Signal Transformers

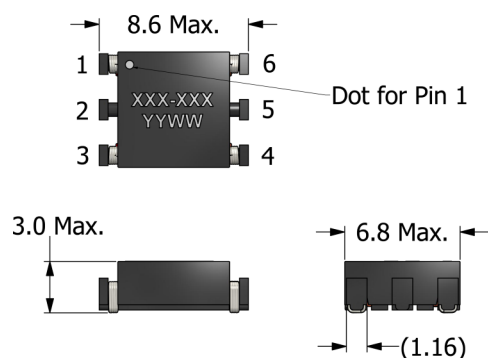
PACKAGING

Reel Diameter: 13"

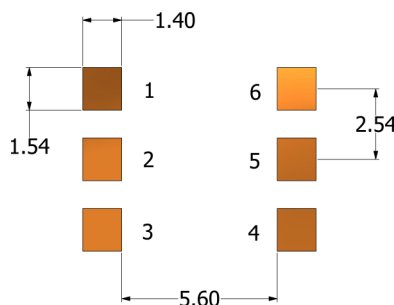
Reel Width: 16 mm

Pieces Per Reel: 1500

Mechanical Drawing

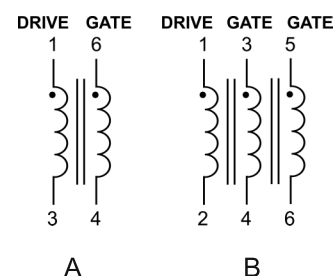


Recommended PCB Layout



TOP VIEW

Schematic



Unit: mm

Electrical Specifications

Part Number	Turns Ratio Drive:Gate	Drive Ind. ¹ (μH, min.)	DCR ² (mΩ, max.)	Lkg. Ind. (μH, max.)	E-T Prod. ⁵ (V-μs)	Hi-Pot (Drive:Gate)	Schematic
GT02-110-006	1:1	135	225:225	0.2	6.9	1500 V _{DC}	A
GT02-110-010	1:1	290.4	320:320	0.2	10.2	1500 V _{DC}	A
GT02-110-019	1:1	785	600:520	0.36	19.4	1500 V _{DC}	A
GT02-120-006	1:2.5	21.6	110:320	0.1	6.9	1500 V _{DC}	A
GT02-120-014	1:2.5	86.4	190:410	0.15	13.8	1500 V _{DC}	A
GT02-111-006	1:1:1	135	230:230	0.1	6.9	1500 V _{DC}	B
GT02-122-006	1:2.5:2.5	21.6	110:230	0.1	6.9	1500 V _{DC}	B
GT02-122-008	1:2:2	48.6	160:260	0.15	8.3	1500 V _{DC}	B

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 and is based upon flux density of 2200 Gauss at 25°C in a bipolar drive applications.



Specifications subject to change without prior notice.