

Gate Drive Transformer

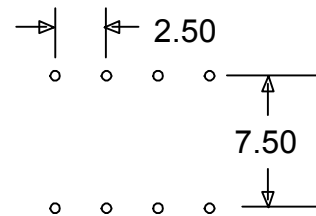
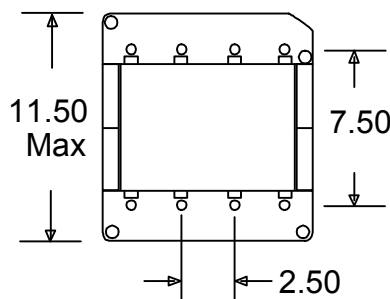
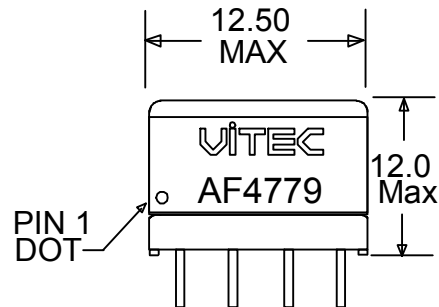
AF4779

FEATURES

- o Manufactured to UL recognized 130 °C insulation system.
- o Materials meet flammability requirements for UL 94V-0.

PRELIMINARY

MECHANICAL



All holes ~ 1.00mm in Dia

SUGGESTED PCB LAYOUT

ALL DIMENSIONS GIVEN IN MM.
TOLERANCES UNLESS OTHERWISE SPECIFIED.
.XX±.15° ANGULAR: ±1°

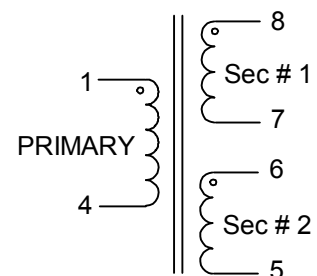
PACKAGE TYPE: EP10

ELECTRICAL CHARACTERISTICS @ 25 °C

Primary Inductance (1 - 4)*	= 0.90 mH Min
Leakage Inductance (1 - 4), (5-6-7-8) shorted	= 0.35 uH Max
Turns Ratio (1 - 4) : (6 - 5)	= 1 : 1 +/- 1%
(1 - 4) : (8 - 7)	= 1 : 1 +/- 1%
DC Resistance (1 - 4)	= 0.60 Ohms MAX
(6 - 5), (8 - 7)	= 0.60 Ohms MAX
ET Product (1 - 4)	= 50 VuS Min (unipolar)
Dielectric Withstanding Voltage (Primary to Secondaries)	= 3750 Vac
(Secondary to Secondary)	= 1500 Vac

*Note: Tested @ 100KHz, .1V.

SCHEMATIC



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VITEC

6213 El Camino Real, Carlsbad, CA 92009
TEL: (760) 918-8831 FAX: (760) 918-8840
<http://www.VitecCorp.com>