

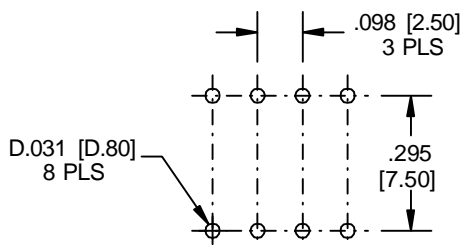
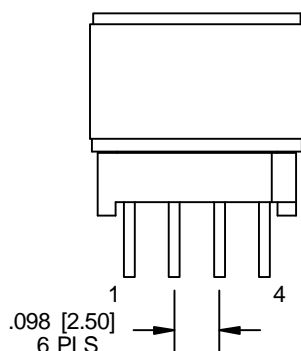
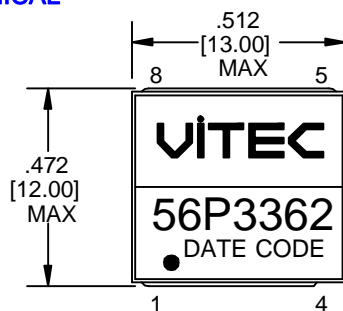
Gate Drive Transformer

56P3362

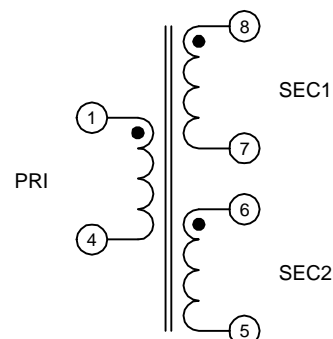
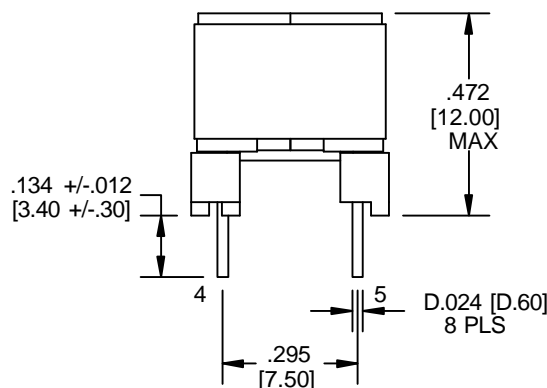
FEATURES

- Operating Temperature from -40°C to 130°C
- Manufactured to UL recognized 155°C insulation system
- Materials meet flammability requirements for UL 94V-0

MECHANICAL



SUGGESTED PCB LAYOUT



SCHEMATIC

ALL DIMENSIONS GIVEN IN INCHES (MM).
TOLERANCES: UNLESS OTHERWISE SPECIFIED.
XX +/- .01 [X +/- .25] .XXX +/- .005 [XX +/- .13] ANGULAR: +/- 1°

ELECTRICAL SPECIFICATIONS @ 25°C

Part Number		Inductance (1-4)	Turns Ratio (1-4):(8-7) (1-4):(6-5)	LL (1-4) SHORT (5,6,7,8)	ET ¹	DCR (1-4)	DCR (8-7) (6-5)	Hipot (Pri-Sec)	Hipot (Sec-Sec)
Classic	RoHS	mH +/-30% @100 KHz, 0.1 VRMS	+/- 2% @100 KHz, 1 VRMS	uH @100 KHz, 1 VRMS	VuSec MIN	Ohms MAX	Ohms MAX	VRMS 2 SEC	VRMS 2 SEC
56P3362	56PR3362	1.30	1:1	0.35	45	0.350	0.800	3750	1500

NOTES

- Specified ET is based on a maximum Flux Density of 0.200 T [2000 G].
To determine ET Product for unipolar drive, use the following formula:
 $ET = V_{pk} * T_{on} = V_{pk} * (DuCy/Freq)$
For bipolar drive, twice the value of specified ET can be used.

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