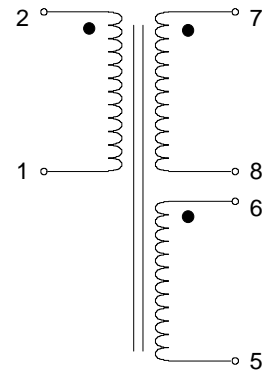


# Flyback Transformer

## Designed for use with LM2587 LM2588

### Schematic Diagram

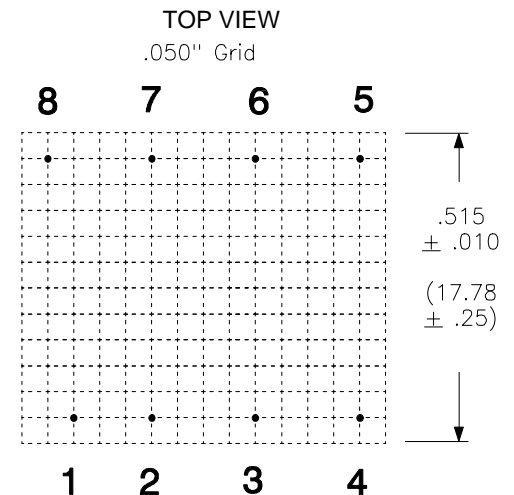
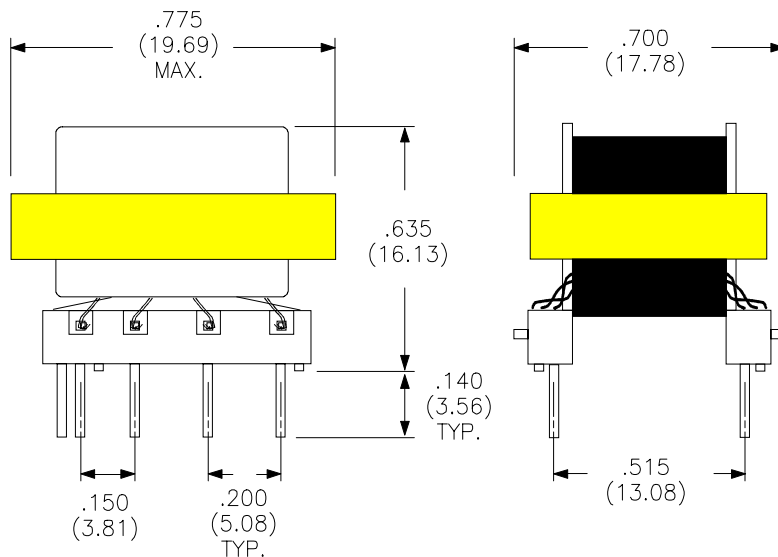


Turns Ratio		1 : 2.5 : 2.5			
PARAMETER		Min.	Typ.	Max.	Units
Inductance <sup>(1)</sup>	Pins 1-2	19.8	22	24.2	μH
DC Resistance	Pins 2-1		0.03	0.04	ohms
	Pins 7-8 or 5-6		0.56	0.7	ohms
Dielectric Rating	Pins 1-2 to 7-8, 5-6	500			V <sub>RMS</sub>
Leakage Inductance <sup>2</sup>			850		nH
Interwinding Capacitance <sup>2</sup>			90		pF

1. Tested at 1 kHz and 100 mV
2. Tested at 100 kHz and 100 mV

Materials used in construction of this component meet or exceed UL Class B and can be operated up to 130° C

### Physical Dimensions inches (mm)



Note: 150" Spacing Only  
Between Pins 1 & 2

RHOMBUS P/N: **T-1314**

CUST P/N:

NAME:

DATE: **8/12/98**

SHEET: 1 of 1