

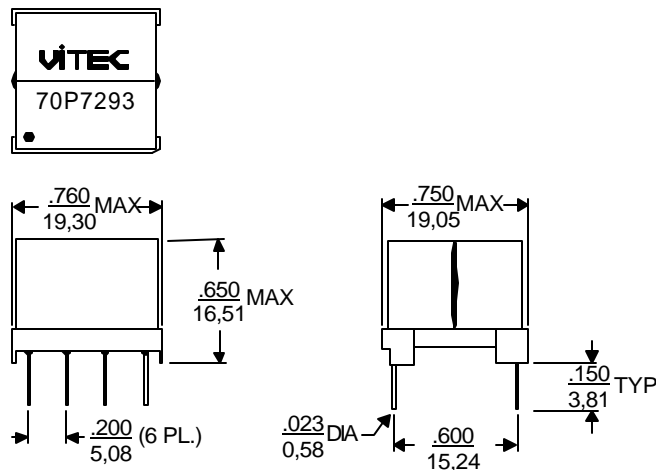
Coupling Signal Transformer

70P7293

FEATURES

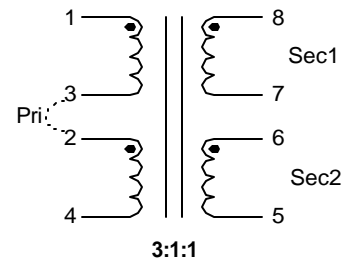
- Designed for use in Texas Instruments' Power Line Modem with E-Meter Platform
- Materials Meet Flammability Requirement of UL 94V-O
- 5,600 VDC Primary to Secondary Isolation

DRAWING



Dimensions Inches/mm +/- 0.010/0,254" Unless noted

SCHEMATICS

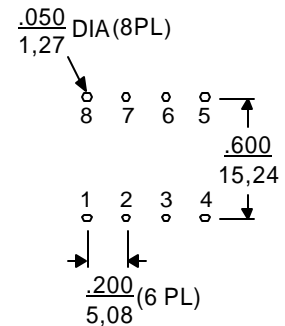


ELECTRICAL CHARACTERISTICS @ 25°C

Inductance* (1-4)	= 1.00 mH +/- 15%
Turns Ratio (1-4:8-7, 6-5)	= 3:1:1 +/- 1%
Pri DC Resistance (1-4)	= 0.83 Ohm MAX.
Sec DC Resistance (8-7, 6-5)	= 0.19 Ohm MAX
Dielectric Withstanding Voltage	= 5600 VDC (for 2 Sec)
Leakage Inductance* (1-4 short 8-7, 6-5)	= 5.5 uH MAX

Notes: All tests performed with pin 3 tied to pin 2
 * Tested @ 100KHz, .100 Vac

SUGGESTED PCB LAYOUT



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