

# LAN

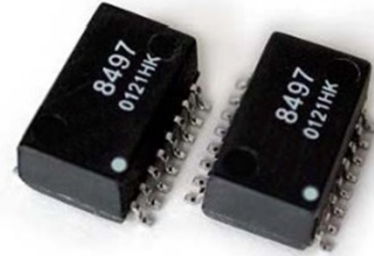
# Isolation Transformer

# 8497

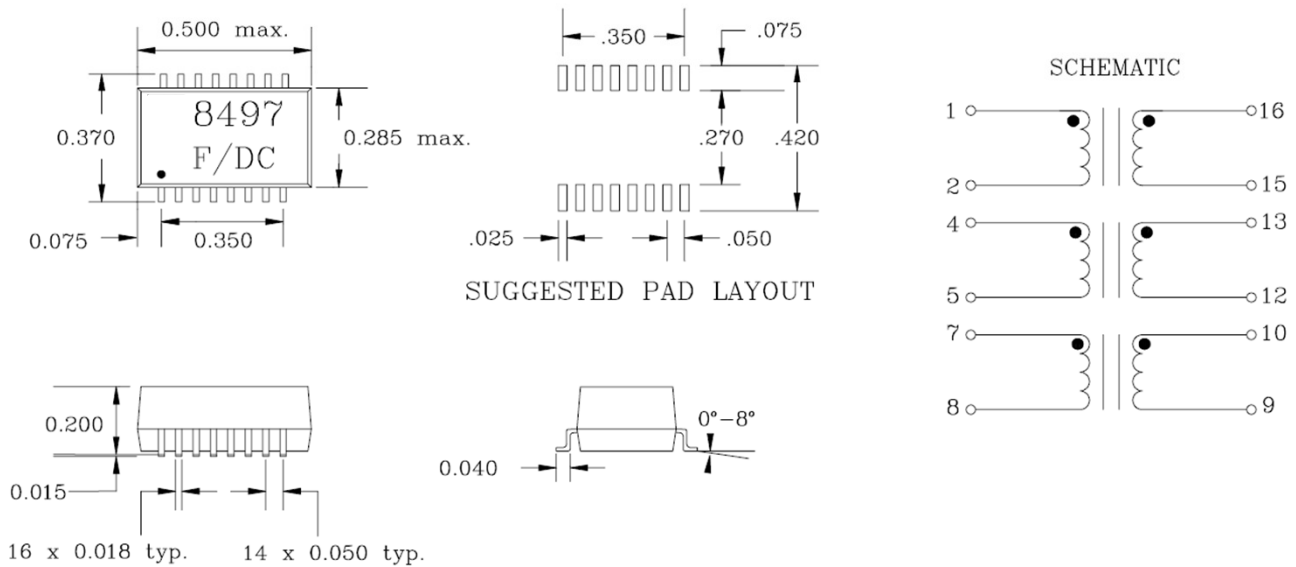
- Isolation transformers for Ethernet
- Low leakage inductance and coupling capacitance for faster rise times
- Small size

Designed to be used with the following device:

**Level One LXT914**



### Mechanical and Schematic (All dimensions in inches)



### ELECTRICAL SPECIFICATION @ 25°C

Part Number	Turns Ratio (±5%)	Primary Pins	Primary Sine Wave L (H±20%)	Primary ET-Constant (V-s MIN)	Rise Time (ns MAX)	Interwinding Capacitance C <sub>ww</sub> (pF MAX)	Leakage Inductance LL (H MAX)	DCR (MAX)	Hipot (Vrms)
8497	1:1	1-2/4-5/7-8	75	1.8	3.0	8	0.20	0.30	2000

**NOTES:**

1. L, C<sub>ww</sub> and LL are measured at 20 mVrms, 100 kHz.
2. Rise time is measured in 75 systems.