

SMALLER SIZE
SAME THAN EP 13
PERFORMANCE

ADSL LINE COUPLING TRANSFORMER

In response to the central office need to increase line density through higher board space maximization, FALCO offers a family of line coupling transformers for use in ADSL/RADSL applications.

This series of transformers is designed to meet the performance of existing EP13 packages with a smaller footprint. The PCB space required is 30% less than EP 13 package.

APPLICATION

Line coupling transformers are required for interfacing, coupling, and isolation among pair copper telephone line, central office, and home equipment in existing xDSL technologies.

Data integrity is maintained due to the new construction and materials employed.

ADSL Line Coupling Transformer EP 9.5 SMT Series

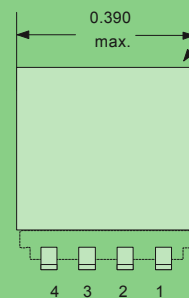
FEATURES & BENEFITS

- Designed for central office
- Surface mount
- Smaller size and same performance as EP13 package
- Reduced footprint
- THD improved to assure data integrity (90 dB typ)
- Designed for supplementary insulation at working voltages up to 250 Vrms
- Meets UL 1950/CSA 22.2 950, EN60950 and IEC950
- Tape and reel packaging

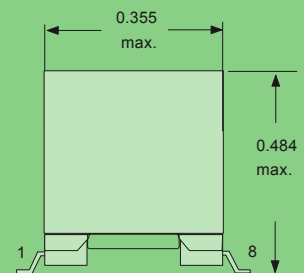
ENVIRONMENTAL SPECIFICATIONS

- Storage temperature range: -40°C to +125°C
- Operating ambient temperature range: -40°C to +85°C
- UL 94V-0 flammability class

FRONT VIEW



SIDE VIEW



PCB LAYOUT

