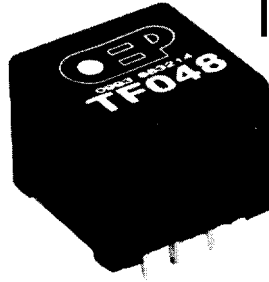


482-341

LINE ISOLATION TRANSFORMER



TYPE TF048

PCB MOUNTING ENCAPSULATED 600 : 600 OHM LINE TRANSFORMER OFFERING IMPROVED PERFORMANCE OVER THE OEP1200 AND SIMILAR DEVICES.

A THREE PART CONCENTRICALLY WOUND BOBBIN IS UTILISED TO PROVIDE IMPROVED PRIMARY TO SECONDARY COUPLING TOGETHER WITH IMPROVED FREQUENCY RESPONSE AND RETURN LOSS CHARACTERISTICS.

INSERTION LOSS (-10 dBm) < 1.5 dB 200 - 200 - 4KHz WITH 600 OHM TERMINATION.

RETURN LOSS (-10dBm) > 24 dB 200 - 4KHz WITH 600 OHM TERMINATION

LINEARITY < 0.03% THD 300 - 4KHz @ -10 dBm/600 OHM

SATURATION < 10V RMS @ 50 Hz.

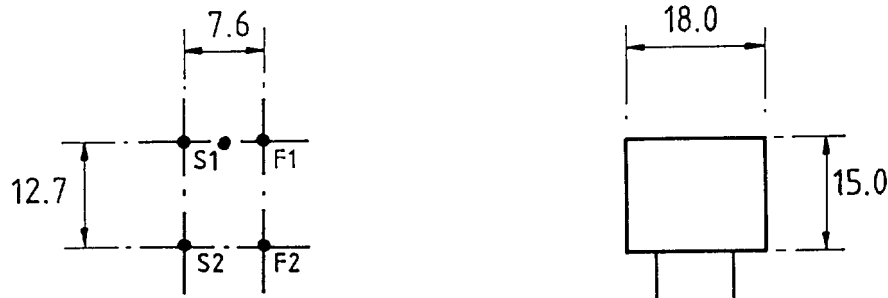
ISOLATION PRI TO SEC REINFORCED (TESTED @ 4KV RMS FOR 1 MINUTE)

d.c. RESISTANCE PRIMARY TYPICALLY 50 OHMS
SECONDARY TYPICALLY 60 OHMS.

LEAKAGE INDUCTANCE TYPICALLY 4 mH.

APPROVED TO BS415, IEC65 AND CENELEC, CERTIFICATE No.6786.

DIMENSIONS



SPECIAL DESIGNS

This series is not limited to the standard designs as shown above but can be adapted to suit Customers' specific requirements.