

TEW5252-1 is designed to interface with the subscribers premises (NT) and the 2-wire line side of the Central Office Equipment (LT) in the ISDN Network.

TEW5252-1 meets the electrical requirements for the **AT&T T7262** device, and complies with the ANSI T1.601 specification.

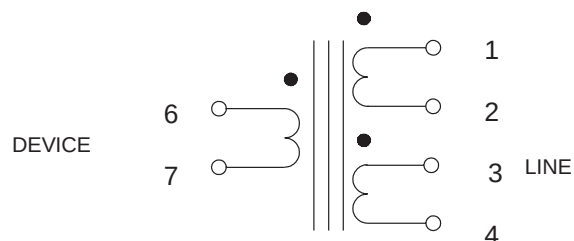
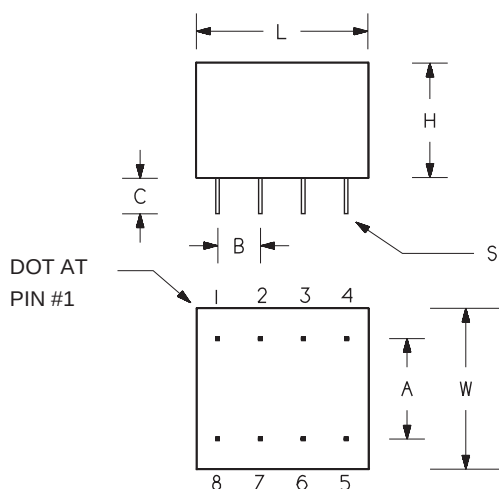
Designed to meet the requirements BS6301 for reinforced insulation, clearance and creepage distances.

#### Applications:

- High performance ANSI 2B1Q line code.
- Low profile construction.
- Up to 30 mA line current.
- Exceeds the requirements of **EN60950** and **EN41003**.



#### MECHANICAL



DIMENSIONS, Inches (mm)

| P/N     | L              | W              | H              | A              | B             | C             | S               |
|---------|----------------|----------------|----------------|----------------|---------------|---------------|-----------------|
| TEW5252 | 0.87<br>(22.0) | 0.83<br>(21.0) | 0.63<br>(16.0) | 0.60<br>(15.3) | 0.20<br>(5.1) | 0.12<br>(3.0) | 0.025<br>(0.64) |

#### ELECTRICAL SPECIFICATIONS

#### TEW5252-1

##### Devices

##### Line Impedance

135  $\Omega$

##### Inductance

(1-2)+(3-4)

80 - 120 mH

##### Leakage Inductance (short 2-3 & 1-4)

(6-7)

< 35  $\mu$ H

##### Winding Resistance

(1-2) + (3-4)

13.5 - 16.5  $\Omega$

(6-7)

4 - 5.5  $\Omega$

##### Turns Ratio

(6-7):(1-2):(3-4)

1 : 1.25 : 1.25

##### DC Capability (Line Side)

(1 - 4)

30 mA

##### Dielectric Strength

4000 V rms