

ISDN

U-BUS Input/Output Transformer

TEW4855

TEW4855 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.

TEW4855 meets the electrical specifications of ANSI T1.601-1988 and is approved for the **Mitel MT8910** DSLIC device.

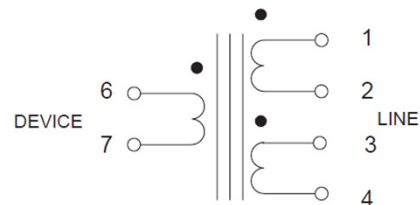
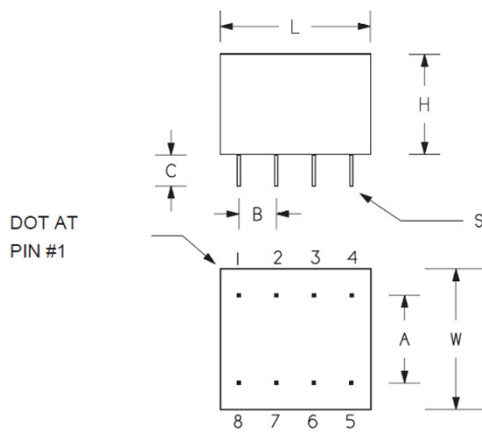
Exceeds the requirements of:
EN60950 and EN41003

Applications:

- High performance 2B1Q line code.
- Up to 50 mA line current.
- High insulation between line and equipment side.



MECHANICAL



DIMENSIONS, Inches (mm)

| P/N | L | W | H | A | B | C | S |
|---------|----------------|----------------|----------------|----------------|---------------|---------------|-----------------|
| TEW4855 | 0.87 (22.0) | 0.83 (21.0) | 0.63 (16.0) | 0.60 (15.3) | 0.20 (5.1) | 0.12 (3.0) | 0.025 (0.64) |

ELECTRICAL

| | | | |
|---------------------------|---------------------|------------|-----------------------|
| Line Impedance | | 135 Ω | |
| Inductance | (1-4) | 11.0 mH | |
| Leakage Inductance | (6-7) | < 75 μH | short (6-7) |
| Distributed Capacitance | (1-2)+(3-4) | < 500 pF | |
| Winding Resistance | (1-2)+(3-4) | < 3.3 Ω | |
| | (6-7) | < 3.0 Ω | |
| Turns Ratio | (6-7) : (1-2)+(3-4) | 1 : 1.3 | |
| Longitudinal Balance | 1 - 4 KHz | > 60 dB | |
| | 4 - 160 KHz | > 55 dB | |
| DC Capability (Line Side) | | 50 mA | 100 mA without damage |
| Dielectric Strength | | 4000 V rms | |