

TEW5039 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.

TEW5039 meets the electrical requirements for the **Mitel MT8972 & MT8971B/72B** devices.

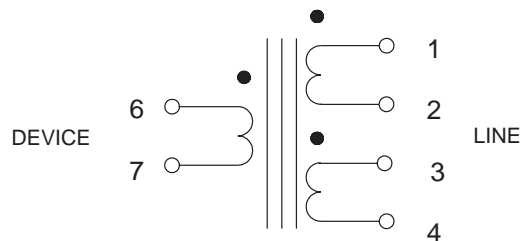
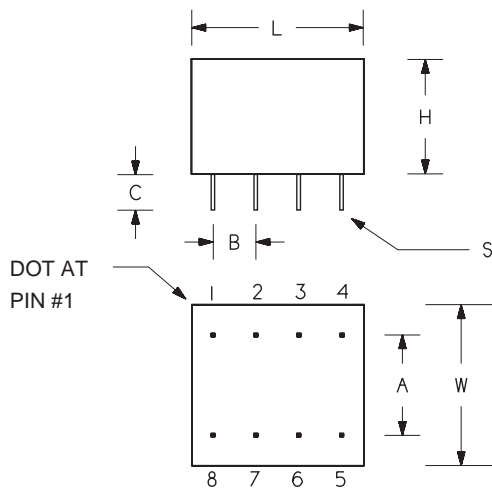
Certified to **EN60950** and **EN41003**.

Applications:

- Up to 50 mA line current.
- TEW5039 meets the requirements of BS6301 for reinforced insulation, clearance and creepage distances between the line and the device side.
- TEW5039-1 meets the requirements for pollution class 2.



MECHANICAL



DIMENSIONS, Inches (mm)

P/N	L	W	H	A	B	C	S
TEW5039	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

	TEW5039	TEW5039-1
Line Impedance	135 Ω	135 Ω
Inductance (6-7)	> 30mH	> 30 mH
Leakage Inductance (6-7)	< 95 μH	< 95 μH
Winding Resistance (1-2) & (3-4)	1.5 Ω ea	3.4 Ω ea
(6-7)	5.5 Ω	6.7 Ω
Turns Ratio (6-7) : (1-2) : (3-4)	4 : 1 : 1	4 : 1 : 1
DC Capability (Line Side) (1-4)	50 mA	50 mA
Dielectric Strength	4000 V rms	4000V rms

Issue: B 94/12/14 TEW5039.chp