

ISDN

U-BUS Input/Output Transformer

TEW4914

TEW4914 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.

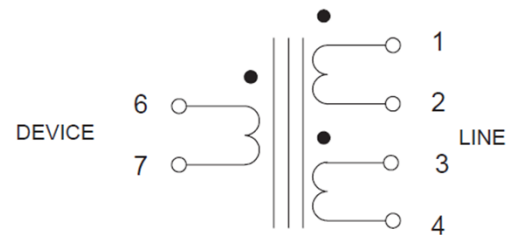
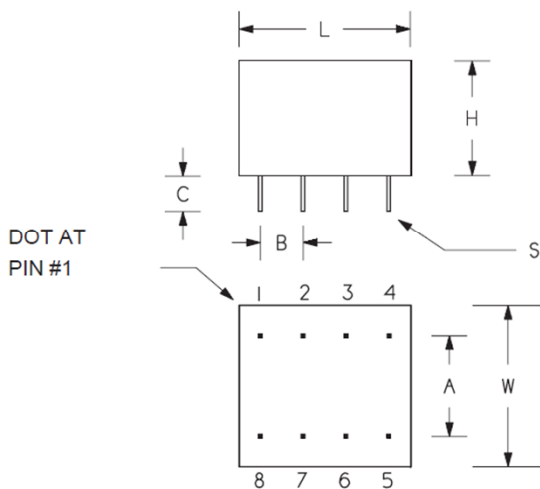
TEW4914 & -1 meet the electrical requirements for the **MOTOROLA MC145472** device.

Applications:

- Low profile construction.
- Up to 50 mA line current.
- TEW4914-1 is certified to **EN60950** and **EN41003**.



MECHANICAL



DIMENSIONS, Inches (mm)

P/N	L	W	H	A	B	C	S
TEW4914	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		TEW4914	TEW4914-1
Line Impedance		135 Ω	135 Ω
Inductance	(1-4)	> 25 mH	> 25 mH
Leakage Inductance	(6-7)	< 20 μH	< 20 μH
Winding Resistance	(1-2) & (3-4)	3.8 Ω	4.9 Ω
	(6-7)	2.9 Ω	3.3 Ω
Turns Ratio	(6-7) : (1-4)	1 : 2	1 : 2
Longitudinal Balance	1 - 4 KHz	> 60 dB	> 60 dB
	4 - 160 KHz	> 55 dB	> 55 dB
DC Capability (Line Side)	(1-4)	25 mA	50 mA
Dielectric Strength		1500 V rms	4000 V rms