

# ISDN

## U-BUS Input/Output Transformer

# TEW6181

TEW6181 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.

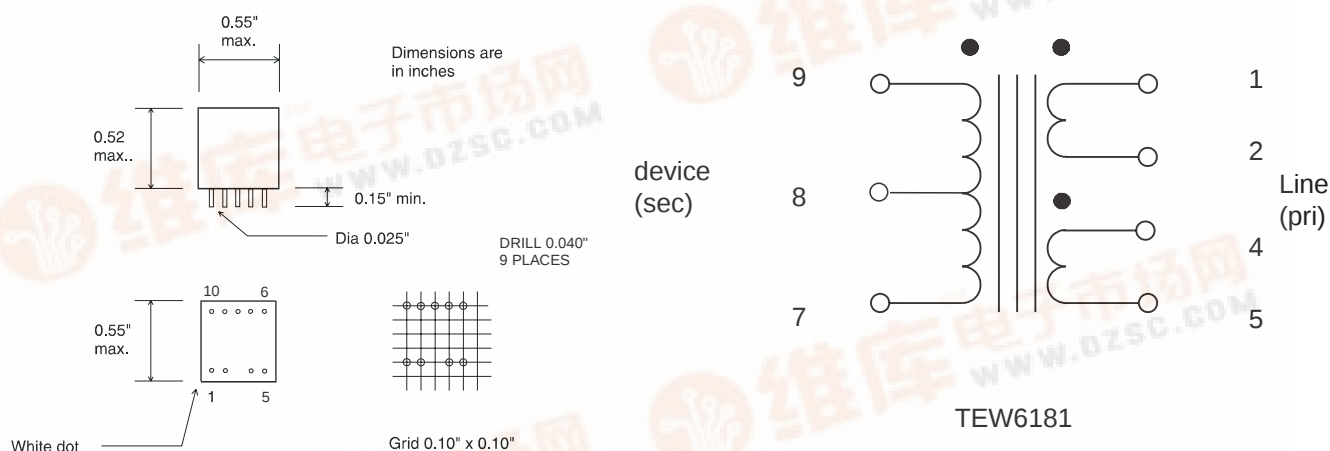
TEW6181 meet the electrical requirements for the **MOTOROLA MC145572** device.

### Features:

- Small size
- Up to 5 mA line current.



## MECHANICAL



## ELECTRICAL

## TEW6181

|                           |             |              |
|---------------------------|-------------|--------------|
| Line Impedance            |             | 135 $\Omega$ |
| Inductance                | Pri.        | > 28 mH      |
| Leakage Inductance        | Sec.        | < 20 $\mu$ H |
| Winding Resistance        | Pri.        |              |
|                           | Sec.        |              |
| Turns Ratio               | Sec. : Pri. | 1 : 1.25     |
| Longitudinal Balance      | 1 - 4 KHz   | > 60 dB      |
|                           | 4 - 160 KHz | > 55 dB      |
| DC Capability (Line Side) | Pri.        | 5 mA         |
| Dielectric Strength       |             | 1500 V rms   |