

The TEW6086 series transformers are designed to interface with the ADSL transceiver unit at the remote terminal end (ATU-R) and with the ADSL transceiver unit at the central office end (ATU-C).

**TEW6086- 1 and -3** are designed for use with discrete ADSL Line Interfaces.

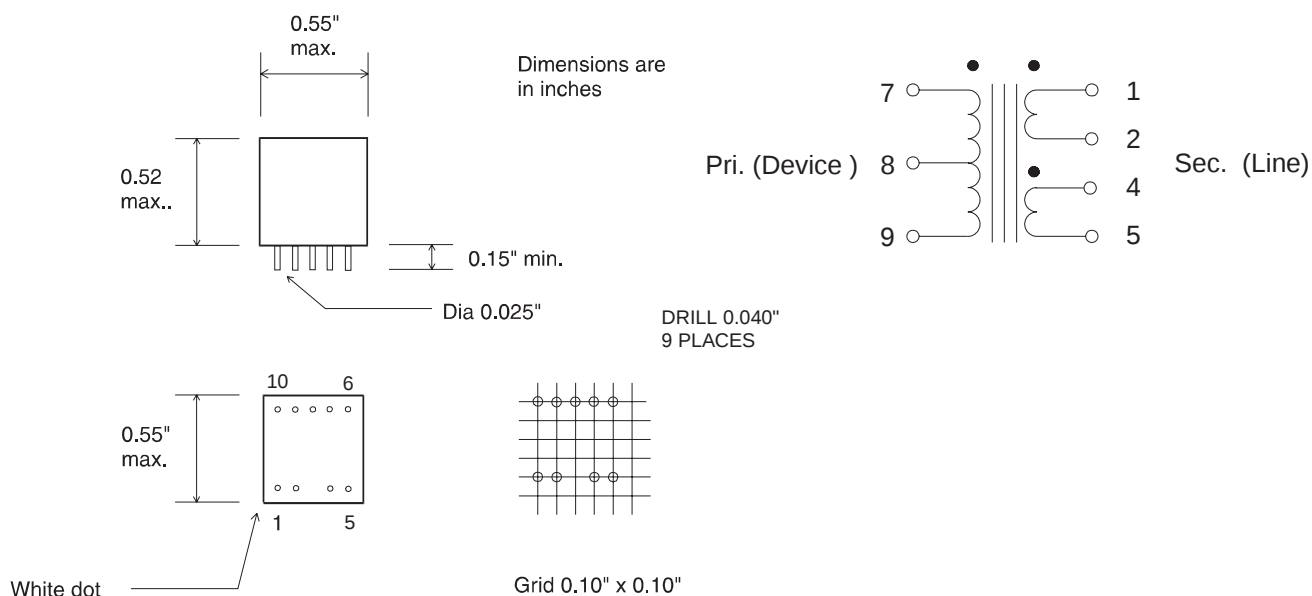
**TEW6086-2 and -4** are designed for the **Motorola MC03AX1456** integrated ADSL Line Interface.

Features:

- Small Size
- Low Cost.



## MECHANICAL



| ELECTRICAL                   |                   | 6086-1   | 6086-2  | 6086-3  | 6086-4  |
|------------------------------|-------------------|----------|---------|---------|---------|
| Line Impedance, ( $\Omega$ ) |                   | 100      | 100     | 100     | 100     |
| Inductance (mH), nom.        | (7 - 9)           | 0.36     | 1.25    | 1.8     | 5.83    |
|                              | (1 - 5)           | 1.8      | 1.8     | 1.8     | 1.8     |
| Wind. Res. ( $\Omega$ ) nom. | (7 - 9)           |          | 1.2     |         | 8.0     |
|                              | (1 - 5)           |          | 1.26    |         | 1.26    |
| Turns Ratio                  | (7 - 9) : (1 - 5) | 1 : 2.24 | 1 : 1.2 | 1 : 1   | 1.8 : 1 |
| Longitud. Bal.               | 20 - 1100 KHz     | > 50 dB  | > 50 dB | > 50 dB | > 50 dB |
| Dielectric Strength          | Volts rms         | 1500     | 1500    | 1500    | 1500    |