

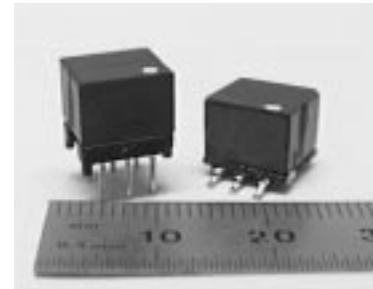
TEW6175 is designed and approved for Mitel MT8972 and MT8971B/72B devices.

#### Features

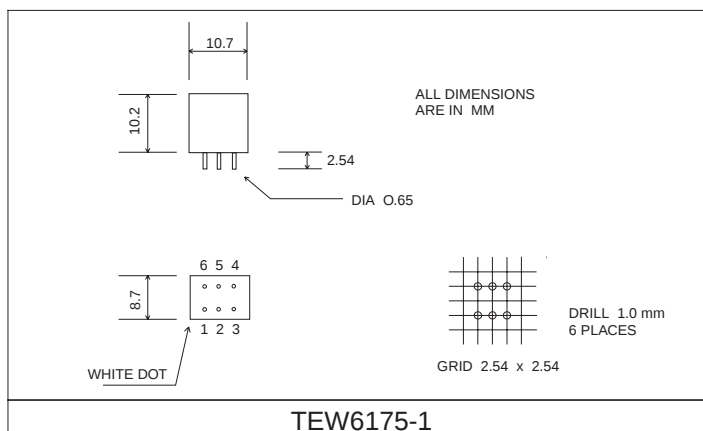
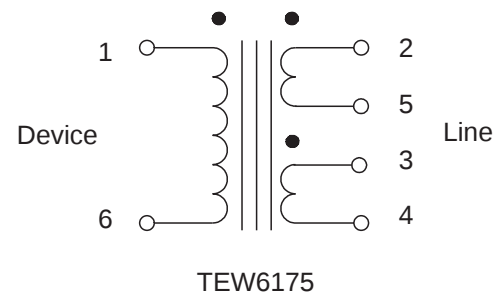
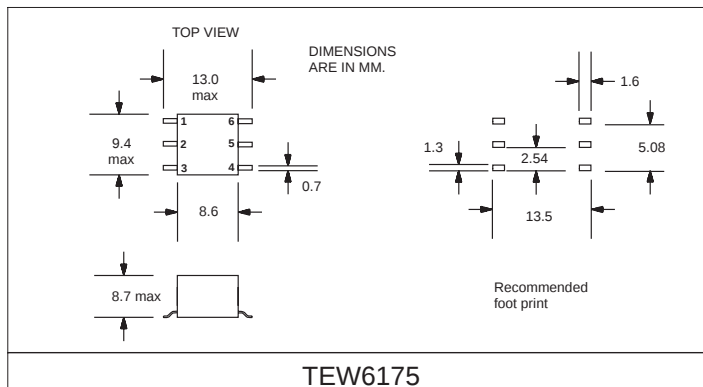
- Small size SMD & through hole
- Low cost

#### Applications:

- Digital subscriber lines.
- High speed data transmission over twisted wire.
- Digital PABX line cards and telephone sets.



## MECHANICAL



## ELECTRICAL SPECIFICATION

|                     |            |                             |  | TEW6175      | TEW6175-1        |
|---------------------|------------|-----------------------------|--|--------------|------------------|
| Line Impedance      |            |                             |  | 135 $\Omega$ | 135 $\Omega$     |
| DCR                 | (Ohms)     | (1 - 6)                     |  | 3.1          | 3.1              |
|                     |            | (2 - 5)                     |  | 0.9          | 0.9              |
|                     |            | (3 - 4)                     |  | 0.9          | 0.9              |
| Inductance          | (mH)       | (2 - 4)                     |  | > 1.3        | > 1.3 @ 30 mA DC |
| Leakage Ind.        | ( $\mu$ H) | (2 - 4)                     |  | < 20         | < 20             |
| Turns Ratio         |            | (1 - 6) : (2 - 5) : (3 - 4) |  | 3.33 : 1 : 1 | 3.33 : 1 : 1     |
| Frequency response  |            | 10 - 500 KHz                |  | < 3 dB       | < 3 dB           |
| Dielectric Strength | (Vrms)     |                             |  | 1500         | 1500             |