

# Data Sheet



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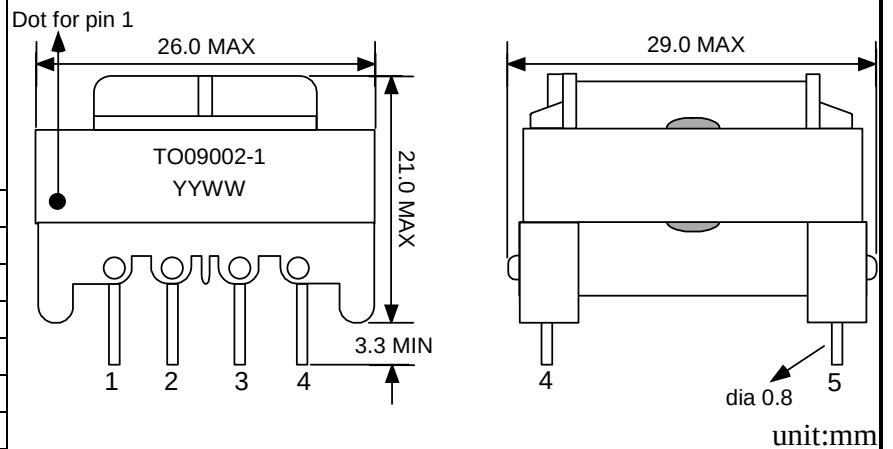
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## General Information

|               |                     |
|---------------|---------------------|
| Customer      |                     |
| Part Number   | TO09002-1           |
| Description   | Flyback Transformer |
| Date          | NOV-10-2010         |
| Reference     | OPP10652            |
| Sample Log#   | --                  |
| Doc Control # | 1011-957P           |
| Issue         | --                  |

## Mechanical Drawing

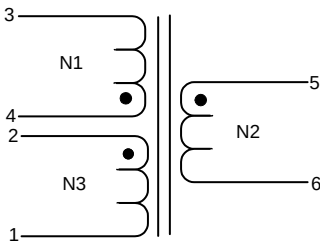


## Specification

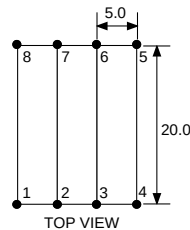
## Sample Test Data

| Item                         | Pins                  | Spec            | Test Condition                                    | 1 | 2 |
|------------------------------|-----------------------|-----------------|---------------------------------------------------|---|---|
| Inductance (HP-4284A)        | 4 - 3                 | 350 uH +/- 10%  | 65 kHz, 1Vrms, series                             |   |   |
| Leakage Inductance           | 4 - 3 short (1,2,5,6) | 6 uH max        | 65 kHz, 1Vrms, series                             |   |   |
| DCR                          | 4 - 3                 | 460 mOhms max   | 25 deg C                                          |   |   |
|                              | 2 - 1                 | 150 mOhms max   |                                                   |   |   |
|                              | 5 - 6                 | 48 mOhms max    |                                                   |   |   |
| Voltage Ratio & Phasing Test | 4 - 3                 | 660 mV +/- 3 mV | 10 kHz, i/p: 3 - 6 = 890 mV, short (3 - 1, 2 - 5) |   |   |
|                              | 2 - 1                 | 30 mV +/- 3 mV  |                                                   |   |   |
|                              | 5 - 6                 | 200 mV +/- 3 mV |                                                   |   |   |
| Hi - Pot                     | (1,2,3,4) - (5,6)     |                 | 3000 Vac, 60Hz, 1mA, 1 second                     |   |   |
|                              | Winding Core          |                 | 500 Vac, 60Hz, 1mA, 1 second                      |   |   |

## Schematic



## Footprint



## Remark

1) This is RoHS compliant product.

Sample approval is required before release to production. Sample specifications take precedence over customer specifications.

Customer Signature

| Rev. | Description     | PRD   | CHK       | APP        | Date       | NTFY       |
|------|-----------------|-------|-----------|------------|------------|------------|
| 0    | Initial release | Emily | Cha. Cha. | L. L. Chou | 2010/11/10 | 2010/11/10 |
|      |                 |       |           |            |            |            |
|      |                 |       |           |            |            |            |
|      |                 |       |           |            |            |            |

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