



# Product Data sheet : Current Transformer- CT1052

Date : 19.08.2010

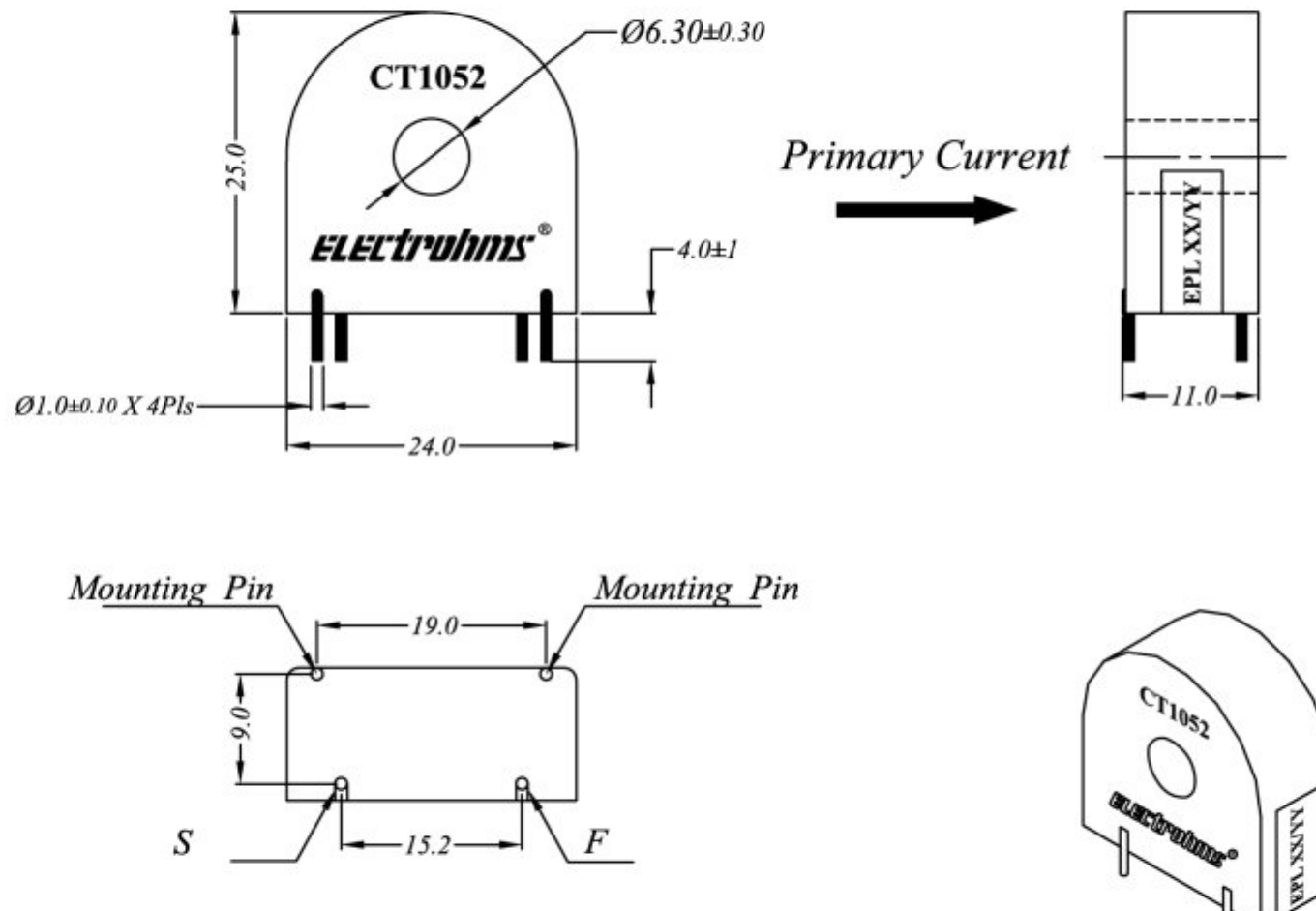
Rev : 02

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Customer: Standard Type

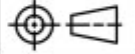
Customer's part No.: ---

## MECHANICAL DIMENSIONS





Termination:- F : Finish, S : Start

|                               |  |
|-------------------------------|--|
| GENERAL TOL.<br>±0.5 mm       |  |
| ALL DIMENSIONS<br>ARE IN 'mm' | SCALE -NTS   |

### FEATURES :

- Low Amplitude Error & Phase Error.
- Whole Current application.
- Encapsulated & P.C. Mountable.

### SPECIFICATIONS \*\*

| PARAMETERS                       | VALUES              |
|----------------------------------|---------------------|
| Current Range                    | 0.25 – 20 Arms      |
| Frequency of Operation           | 50/60 Hz            |
| D C R@ 25°C                      | 120-145 Ω           |
| Turns Ratio                      | 1 : 2500            |
| Recommended Secondary Burden     | 90.0 Ω (Resistive)  |
| Amplitude Error                  | <0.5%               |
| Phase Error                      | <0.5°               |
| Inductance @ 0.3 Vrms, 100Hz, Lp | ≥ 90H               |
| Operating Temperature Range      | - 10 °C to + 60 °C. |

\*\* Specifications subject to change.

### Note :

Amplitude error and Phase error values are guaranteed with recommended Secondary burden. Refer to ELECTROHMS Product Design Group for use of burden other than recommended Secondary burden.

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