

## Product Data sheet : Current Transformer- CT1171

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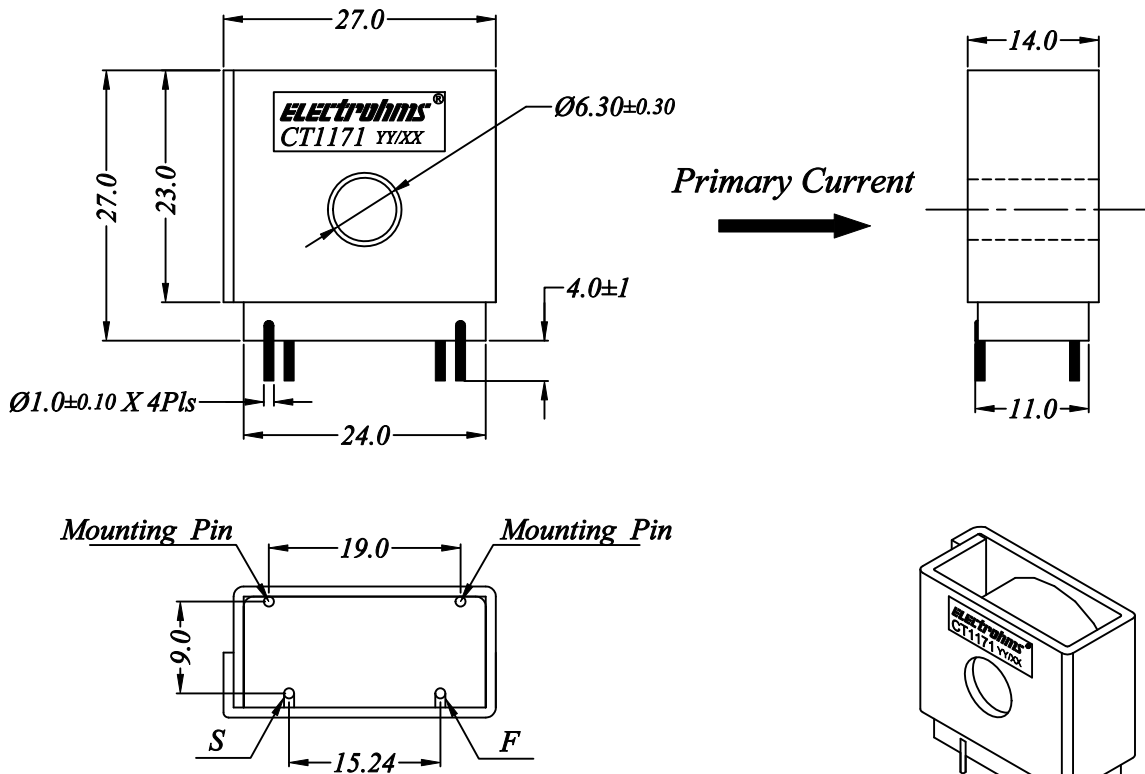
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Customer: Standard Type

Customer's part No.: ---

### MECHANICAL DIMENSIONS



Termination:- F : Finish, S : Start

GENERAL TOL ±0.5 mm	
ALL DIMENSIONS ARE IN 'mm'	SCALE - NTS

### FEATURES :

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

### SPECIFICATIONS @ 25° C \*\*

PARAMETERS	VALUES
Current Range	0.25 – 20 Arms
Frequency of Operation	50/60 Hz
D C R	98-120 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	≥ 90 H
Operating Temperature Range	- 10 °C to + 60 °C.
Magnetic Shield	1mm Thick MS Mounted Externally*

\*\* Specifications subject to change.

\* Suitability to be verified by the customer.

### 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.