

Description	Zero-Phase Current Transformer	Drawn Date	12/10/11
Part No.	<b>ZT016100PL</b>	Sample No.	<b>3884</b>

**Mechanical Dimensions in mm**

**Mechanical Specifications:**  
 International Tolerance(mm)

0~3	±0.1
3~6	±0.12
6~10	±0.15
10~18	±0.18
18~30	±0.20
30~50	±0.25
50~80	±0.30
80~120	±0.35

**Test Circuit:**

$V_{out} = I_s \times R_L$      $R_L = 1000\text{ohm}$

**Photo:**

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**Electrical Specifications**

Rated Primary Current 50Hz/60Hz(Amp.)	100(125)
Turns ratio	Np:Ns=1:1000
D.C.Resistance at 20	38Ω
Rated Output Voltage (mV)	7.5min @Io=11.25mA, RL=1KΩ
Operating Temperature	-20~65
Storage Temperature	-25~85
Dielectric Withstanding Voltage(Hi-pot)	2500 Vrms/1mA/1min
Impluse Withstand Voltage	5KV Peak
Insulation Resistance	DC500V/100MΩ min

**Mechanical Specifications**

CUP	5010GN6-30 M8X(PBT)
Encapsulant	epoxy
Output terminal	UL1007 26AWG PVC wire(black)
Approx.Weight	13.8g

Standard(s) & Edition Number for this evaluation:

IEEE C57.13 - STANDARD REQUIREMENTS FOR INSTRUMENT TRANSFORMERS - Edition 1 - Issue Date 2008/03/27,

CSA C60044-1 - INSTRUMENT TRANSFORMERS – PART 1: CURRENT TRANSFORMERS - Edition 1 - Issue Date 2007/03/01

CSA C60044-2 - INSTRUMENT TRANSFORMERS – PART 2: INDUCTIVE VOLTAGE TRANSFORMERS - Edition 1 - Issue Date 2007/03/01

ANSI/IEEE C57.13, "Standard Requirements for Instrument Transformers"

CAN3-C13-M83 "Instrument Transformers Certified for Canada - Component

