

Description	Zero-Phase Current Transformer	Drawn Date	12/10/11
Part No.	ZT031100PP	Sample No.	2699

Mechanical Dimensions in mm

Front View Dimensions:
 Total width: 17.3 ± 0.3
 Inner width: 6.8 ± 0.2
 Bottom width: 10 ± 0.3

Right View Dimensions:
 Height: 18.3 ± 0.2
 Top width: 7.5 max
 Bottom width: 2.7 ± 0.5
 Hole diameter: $\varnothing 0.6$

Labels: S, F, epoxy, K \Rightarrow L

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:

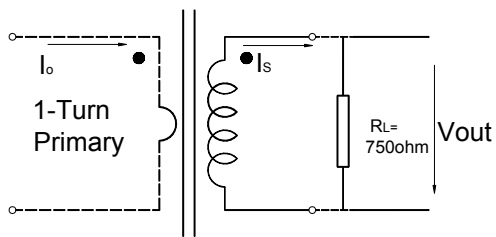


Photo:



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Electrical Specifications

Rated Primary Current(Amp.)	20
Turns ration	Np:Ns=1:1000
Rated Output Voltage Vout(mV)	6.5MIN @Io=11.25mA, RL=750Ω
D.C.Resistance Max.at 20	55MAX
Operating Temperature	-20 ~65
Storage Temperature	-25 ~85
Dielectric Withstanding Voltage(Hi-pot)	2.5KVrms/1mA/1sec
Insulation Resistance	DC500V/100MΩ min

Mechanical Specifications

CUP	5010GN6-30 M8X(PBT)
Encapsulant	epoxy
Output terminal	2pin 0.6
Approx.Weight	4.2g

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



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