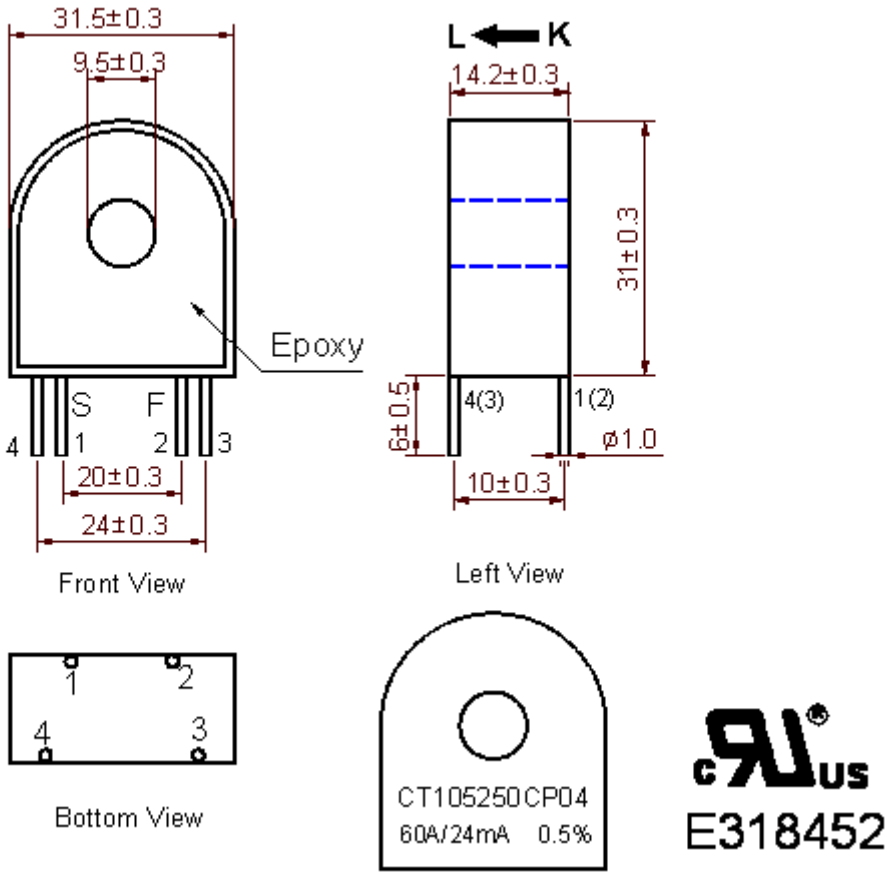
BADGER GLOBAL COMPONENTS
1510 Sylvania Ave., WI 53177 262-884-9087
Fax 262-884-9082 sales@badgerglobal.net

Customer Part No.	60A/24mA	Date Of Issue :	
Part No.	**CT105250CP**	Sample No.	**2397**

Mechanical Dimensions in mm



Test Circuit:

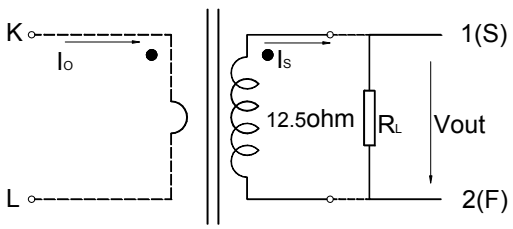


Photo:

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Electrical Specifications

Rated Primary Current(Amp.)50HZ/60HZ	60nom(0.5~245 max)
Current Ratio	60A/24mA
Turns ratio	Np:Ns=1:2500
D.C.Resistance max at 20 ℃ (Ω)	65Ω
IDC Max. at 20 ℃(Amp.)	80min
Inductance 50Hz/0.1V（H）	3.0±15%
Accuracy @RL≦12.5Ω	0.5%
Operating Temperature Range	-40~65℃
Storage Temperature Range	-45~85℃
Dielectric Withstanding Voltage(Hi-pot)	2500Vrms/1mA/1min
Impluse Withstand Voltage	5KV Peak
Insulation Resistance	DC500V/100MΩ min

Mechanical Specifications

CUP	5010GN6-30 M8X(PBT)
Encapsulant	epoxy
Output terminal	4PIN Φ1.0
Approx.Weight	46g

Standard(s) & Edition Number for this evaluation:

IEEE C57.13 - STANDARD REQUIREMENTS FOR INSTRUMENT TRANSFORMERS - Edition 1 - Issue Date 2008/03/2

CSA C60044-1 - INSTRUMENT TRANSFORMERS – PART 1: CURRENT TRANSFORMERS - Edition 1 - Issue Date 200

CSA C60044-2 - INSTRUMENT TRANSFORMERS – PART 2: INDUCTIVE VOLTAGE TRANSFORMERS - Edition 1 - Iss

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

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

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Measured Result:

Current(A)		3	12	60	72	L（H）	DCR(Ω)
SPEC.	f(%)	±0.5	±0.5	±0.50	±0.50	3.0±15%	65max
	δ(°)	3.8±0.5	3.8±0.5	3.8±0.5	3.8±0.5		
1#	f(%)	-0.01	0.184	0.168	0.167	2.93	53.4
	δ(°)	3.92	3.83	3.81	3.8		
2#	f(%)	0.05	0.267	0.196	0.177	2.94	52.9
	δ(°)	4	3.87	3.82	3.82		
AVE	f(%)	0.02	0.226	0.182	0.172	2.935	53.2
	δ(°)	3.96	3.85	3.82	3.81		
MAX	f(%)	0.05	0.267	0.196	0.177	2.94	53.4
	δ(°)	4	3.87	3.82	3.82		
MIN	f(%)	-0.01	0.184	0.168	0.167	2.93	52.9
	δ(°)	3.92	3.83	3.81	3.8		

Output curve：