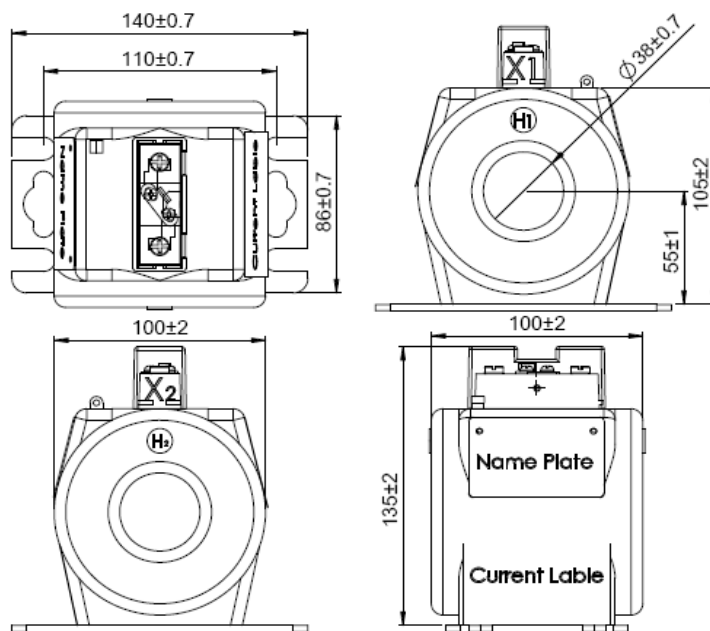
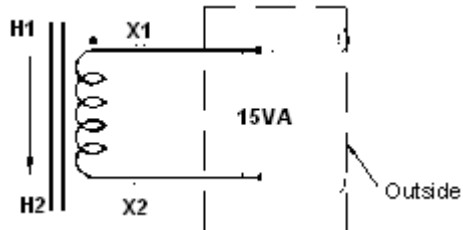


Description	Low Voltage Current Transformer (200A/5A)	Drawn Date	02/02/2012
Part No.	<b>CT3610200T</b>	Sample No.	<b>9000</b>

**Mechanical Dimensions in mm**



**Test Circuit :**



**Photo :**



Description	Low Voltage Current Transformer (200A/5A)	Drawn Date	02/02/2012
Part No.	<b>CT3610200T</b>	Sample No.	<b>9000</b>

**Electrical Specifications :**

Rated Primary Current(Amp.) 50/60Hz	200A
Max. Current (continuous) at 30°C ambient temperature	300A
Turns ratio	Np:Ns=1:40
Current Ratio	200A/5A
Accuracy @ 15VA 0.8PF	0.3S
Linearity @ $Z_L \leq 0.6\Omega$ 0.8PF	0.3%
Phase error at rated current range	$\leq 15.6'$
Operating Temperature Range	-40~55°C
Storage Temperature Range	-45~85°C
Dielectric Withstanding Voltage(Hi-pot)	4000V/1mA/1min
Insulation Resistance	DC500V/100M $\Omega$ min

**Mechanical Specifications :**

Window diameter	38mm
Main insulation	Molded in thermoplastic rubber
Compression type secondary terminal	Suite for #14~ #8.5 WIRE
Cover	Clear plastic
Approx Weight	3.02kgs

Description	Low Voltage Current Transformer (200A/5A)	Drawn Date	02/02/2012
Part No.	<b>CT3610200T</b>	Sample No.	<b>9000</b>

**Measured Result :**

Sample No.	10% In		100% In		150% In		
	$\epsilon$ %	$\delta$ min	$\epsilon$ %	$\delta$ min	$\epsilon$ %	$\delta$ min	
Spec	max.	+0.6	+31.2	+0.3	+15.6	+0.3	+15.6
	min.	-0.6	-31.2	-0.3	-15.6	-0.3	-15.6
#1	-0.281	9.27	0.003	-2.75	0.031	-3.93	
#2	-0.288	11.28	0.011	-2.89	0.035	-4.05	
#3	-0.276	11.81	0.010	-2.15	0.039	-3.90	
#4	-0.258	10.72	0.031	-2.95	0.047	-3.85	
#5	-0.290	11.97	0.020	-2.72	0.042	-4.00	
$\bar{X}$	-0.2786	11.01	0.015	-2.692	0.0388	-3.946	
Max.	-0.258	11.97	0.031	-2.15	0.047	-3.85	
Min.	-0.290	9.27	0.003	-2.95	0.031	-4.05	

**Accuracy curve :**

