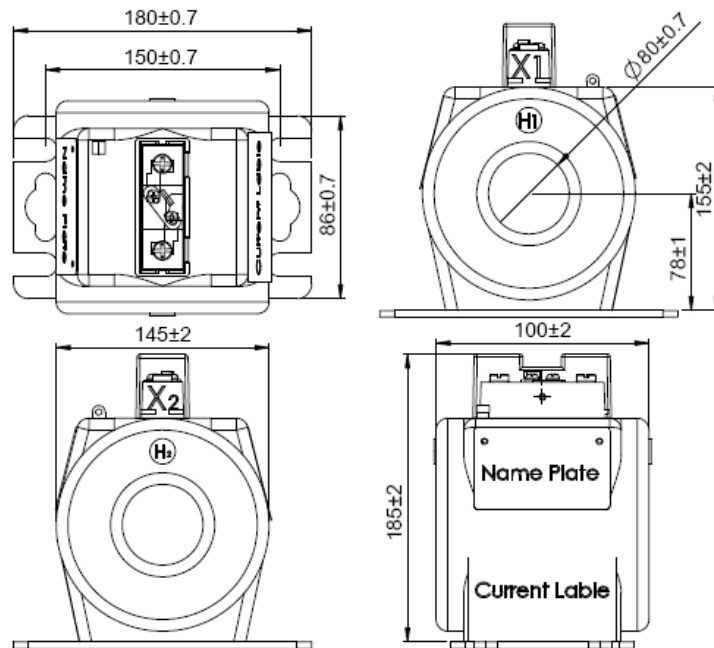


Description	Low Voltage Current Transformer (1200A/5A)	Drawn Date	02/02/2012
Part No.	CT3641200T	Sample No.	9005

Mechanical Dimensions in mm



Test Circuit :

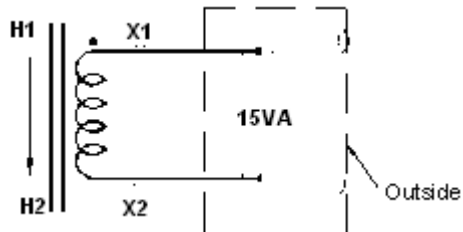


Photo :



Description	Low Voltage Current Transformer (1200A/5A)	Drawn Date	02/02/2012
Part No.	CT3641200T	Sample No.	9005

Electrical Specifications :

Rated Primary Current(Amp.) 50/60Hz	1200A
Max. Current (continuous) at 30°C ambient temperature	1440A
Turns ratio	Np:Ns=1:240
Current Ratio	1200A/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 Ω min

Mechanical Specifications :

Window diameter	80mm
Main insulation	Molded in thermoplastic rubber
Compression type secondary terminal	Suite for #16 WIRE
Cover	Clear plastic
Approx Weight	3.5kgs

Description	Low Voltage Current Transformer (1200A/5A)	Drawn Date	02/02/2012
Part No.	CT3641200T	Sample No.	9005

Measured Result :

Sample No.		10% In		100% In		120% In	
		ε %	δ min	ε %	δ min	ε %	δ 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		-0.147	5.40	-0.107	2.73	-0.105	2.46
#2		-0.199	5.16	-0.115	2.27	-0.112	1.99
#3		-0.222	5.74	-0.116	2.17	-0.112	1.96
#4		-0.212	5.74	-0.112	2.16	-0.108	1.92
#5		-0.213	5.75	-0.132	2.87	-0.115	2.70
$\bar{X}$		-0.1986	5.558	-0.1164	2.440	-0.1104	2.206
Max.		-0.147	5.75	-0.107	2.87	-0.105	2.70
Min.		-0.222	5.16	-0.132	2.16	-0.115	1.92

Accuracy curve :

