



Thousand Hundred Industrial CO.,LTD.

Customer Name	豐立	Date Of Issue :	08/31/17
Description	Split Core Transformer	Sample Quantity	
Customer Part No.	150A/5A	Customer DWG.No.	
T.H. Part No.	CT24B0150L01	T.H. Sample No.	4452A

ACKNOWLEDGMENT SPECIFICATION FOR APPROVAL

Approved by	Checked by	Engineering	Drawn by
			Ruili Lin

CUSTOMER APPROVED

Approved by	Checked by	Acknowledged by

[®]
C **UL** US
E318452



RoHS COMPLIANT

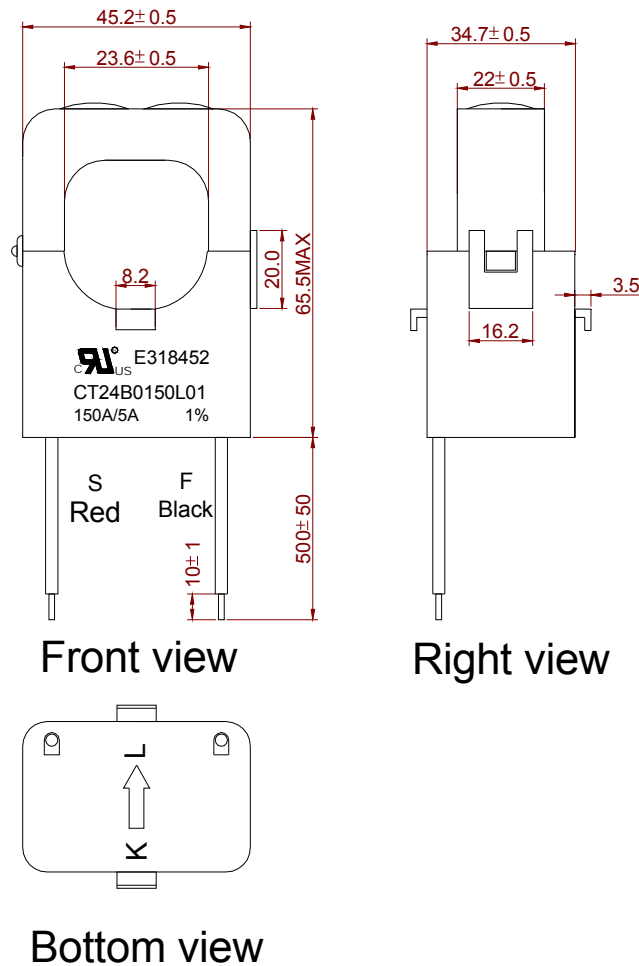
China: Tel : +86-769-83367090 Fax :+86-769-83367590 E-mail:dgth@thic.net www.thic.net	Taiwan: Tel : +886-3-5994440 Fax:+886-3-5902243 E-mail : fp@thic.net www.thic.net
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Customer Part No.	150A/5A	Date Of Issue :	08/31/17
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Mechanical Dimensions in mm



Test Circuit:

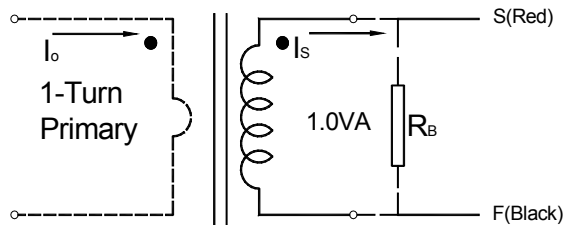


Photo:



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Electrical Specifications

Rated Primary Current(Rms)50Hz/60Hz	150A (7.5-180A Max.)
Current Ratio	150A/5A
Turns Ratio	Np:Ns=1:30
D.C.Resistance at 20 °C	0.1Max.
Accuracy @Rb=1.0VA	1%
Phase error at rated current range	≤ 5°
Operating temperature	-40~80°C
Storage temperature	-45~80°C
Insulation Resistance	DC500V/100MΩ min
Dielectric Withstanding Voltage(Hi-pot)	4.0KV/1mA/1min

Mechanical Specifications

CUP	PA66
Opening Angle	180 Degree
Output Terminal	UL1007 16AWG PVC wire(Red/Black)
Approx.Weight	200g

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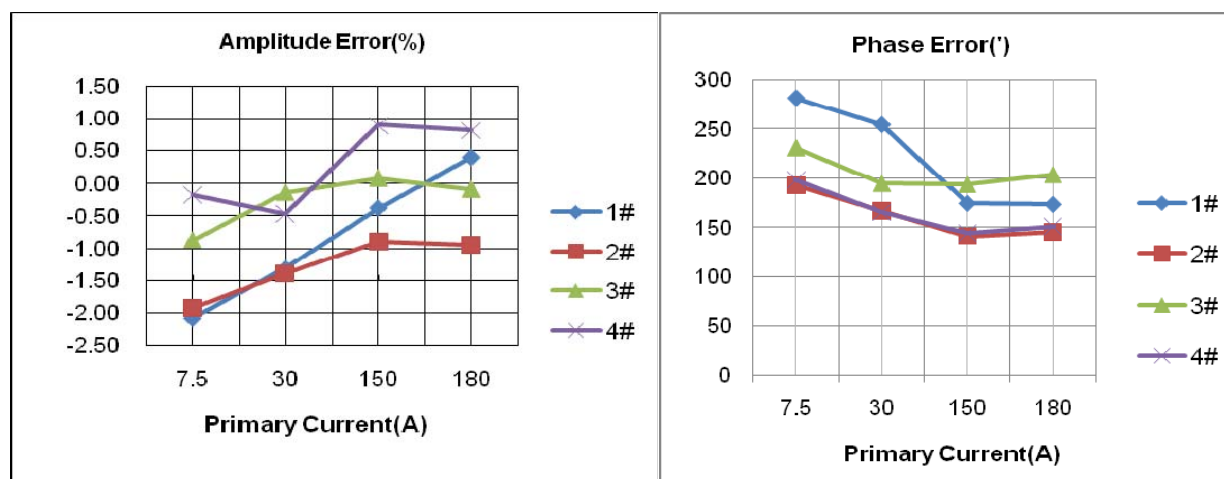
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Measured Result

Current(A)		7.5	30	150	180	DCR(Ω)
SPEC.	f(%)	± 3.00	± 3.00	± 1.00	± 1.00	0.1Max.
	$\delta(^{\circ})$	<300				
1#	f(%)	-2.08	-1.31	-0.37	0.40	0.043
	$\delta(^{\circ})$	282	255	175	174	
2#	f(%)	-1.93	-1.39	-0.89	-0.95	0.044
	$\delta(^{\circ})$	193	167	141	146	
3#	f(%)	-0.87	-0.14	0.08	-0.09	0.050
	$\delta(^{\circ})$	231	195	194	204	
4#	f(%)	-0.17	-0.46	0.90	0.82	0.051
	$\delta(^{\circ})$	199	166	145	152	
AVE	f(%)	-1.26	-0.83	-0.07	0.05	0.047
	$\delta(^{\circ})$	226	196	164	169	
MAX	f(%)	-0.17	-0.14	0.90	0.82	0.051
	$\delta(^{\circ})$	282	255	194	204	
MIN	f(%)	-2.08	-1.39	-0.89	-0.95	0.043
	$\delta(^{\circ})$	193	166	141	146	

Output curve figure



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Measured Result

NO	ITEM	Part No	UL Card	MATERIAL	NOTE
1	CORE	CRTR0514STHG0	/	TH20JG	
2	HOUSING	HSCT0645DG00	E41797	PA66	
3	BOBBIN	BNUU5300DG00	E53664	PBT5010	
4	WIRE	WR100NGS2U01	E201757	UEW/U,UEW-NY	
5	LEAD WIRE	LD160520BPHJ0 LD160520RPHJ0	E301305 E189674	UL1007 16AWG	80°C 300V
6	SOLDER	CHSB9900JX00	/	99.3%	

NOTE:

1. Operating temperature change from -40~85°C to -40~80°C, Storage temperature change from -45~90°C to -45~80°C(08/31/17)

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