

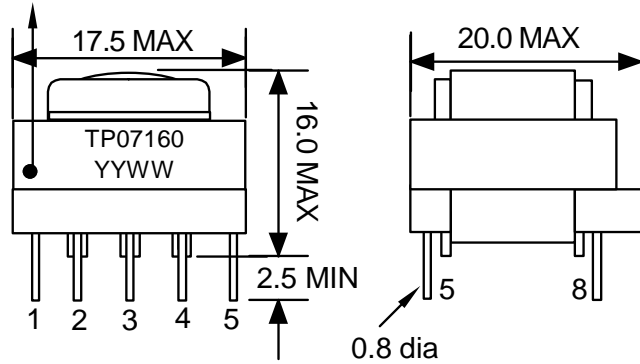
# Data Sheet



ICE Components, Inc.  
 Helping Engineer the Technology of Power  
 Tel 678-560-9172 Fax 678-560-9304  
 cust.serv@icecomp.com  
 www.icecomponents.com  
 1165 Allgood Rd., Ste. #20, Marietta, GA 30062

## Mechanical Drawing

Dot for pin 1



unit:mm

### General Information

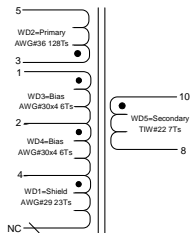
<b>Customer</b>	
<b>Part Number</b>	TP07160
<b>Revision</b>	2
<b>Description</b>	RD157 Transformer
<b>Date</b>	NOV-10-2010
<b>Reference</b>	OPP10663
<b>Doc Control #</b>	1011-960P
<b>Issue (For ICE use only)</b>	--

### Specification

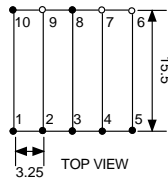
### Sample Test Data

Item	Pins	Spec	Test Condition				
Inductance (HP-4284A)	3 - 5	2.58 mH +/- 10%	100 kHz, 0.4 Vrms, series				
Leakage Inductance	3 - 5 short (8,10)	130 uH max	100 kHz, 0.4 Vrms, series				
DCR	3 - 5	5.5 Ohm max	25 deg C				
	1 - 4	42 mOhm max					
	10 - 8	19 mOhm max					
SRF	3 - 5	500 kHz min					
Voltage Ratio & Phasing Test	3 - 5	1280 mV +/- 3 mV	10 kHz, i/p: 3 - 8 = 1470 mV, short (5- 1, 4 - 10)				
	1 - 4	120 mV +/- 3 mV					
	10 - 8	70 mV +/- 3 mV					
Hi - Pot	(1,2,3,4,5) - (10,8)		3000Vac, 60Hz, 1 mA, 1 minute				
	10,8 to Core						
	(1,2,3,4,5) to Core			1500Vac, 60Hz, 1 mA, 1 minute			

### Schematic



### Footprint



unit:mm

### Remark

This is RoHS compliant product.

Sample approval is required before release to production. Sample specifications take precedence over customer specifications.

Customer Signature

Rev.	Description	PRD	CHK	APP	Date	NTFY
2	Initial release	Emily	Cha. Cha.	L. L. Chou	2010/11/10	2010/11/10