

Data Sheet



Helping Engineer the Technology of Power

ICE Components, Inc.

Tel 678-560-9172 Fax 678-560-9304

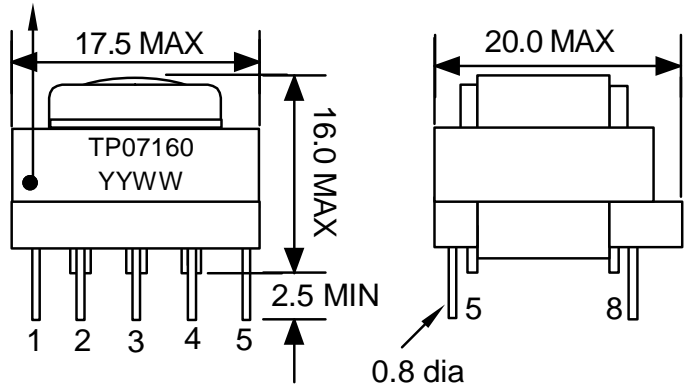
cust.serv@icecomp.com

www.icecomponents.com

1165 Allgood Rd., Ste. #20, Marietta, GA 30062

Mechanical Drawing

Dot for pin 1



unit:mm

General Information

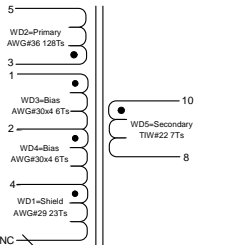
Customer	
Part Number	TP07160
Revision	2
Description	RD157 Transformer
Date	NOV-10-2010
Reference	OPP10663
Doc Control #	1011-960P
Issue (For ICE use only)	--

Specification

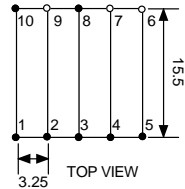
Sample Test Data

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.

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

Customer Signature