

Data Sheet



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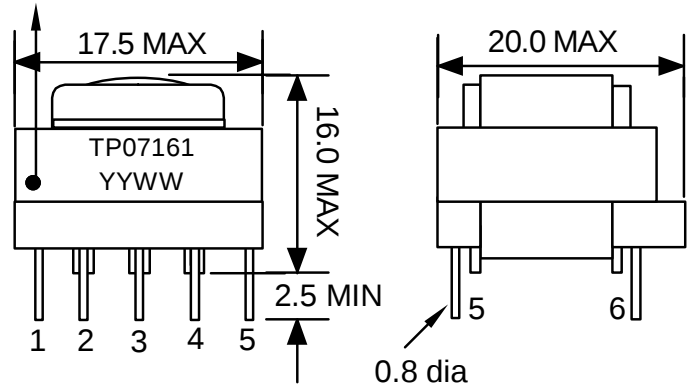
1165 Allgood Rd., Ste. #20, Marietta, GA 30062

General Information

Customer	
Part Number	TP07161
Revision	4
Description	RD158 Transformer
Date	NOV-10-2010
Reference	OPP9984
Doc Control #	1011-961P
Issue (For ICE use only)	--

Mechanical Drawing

Dot for pin 1



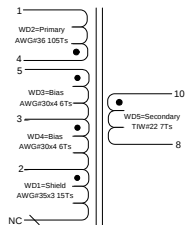
unit:mm

Specification

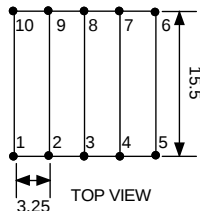
Sample Test Data

Item	Pins	Spec	Test Condition					
Inductance (HP-4284A)	4 – 1	1.074 mH +/- 10%	100 kHz, 0.4 Vrms, series					
Leakage Inductance	4 – 1 short (8,10)	95 uH max	100 kHz, 0.4 Vrms, series					
DCR	4 – 1	4.2 Ohm max	25 deg C					
	5 – 2	42 mOhm max						
	10 – 8	19 mOhm max						
SRF	4 – 1	1000 kHz min						
Voltage Ratio & Phasing Test	4 – 1	1050 mV +/- 3 mV	10 kHz, i/p: 4 – 8 = 1240 mV, short (1 – 5, 2 – 10)					
	5 – 2	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

1) 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
4	Initial release	Emily	Cha. Cha.	L. L. Chou	2010/11/10	2010/11/10

Mouser Electronics

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