

Data Sheet



Helping Engineer the Technology of Power

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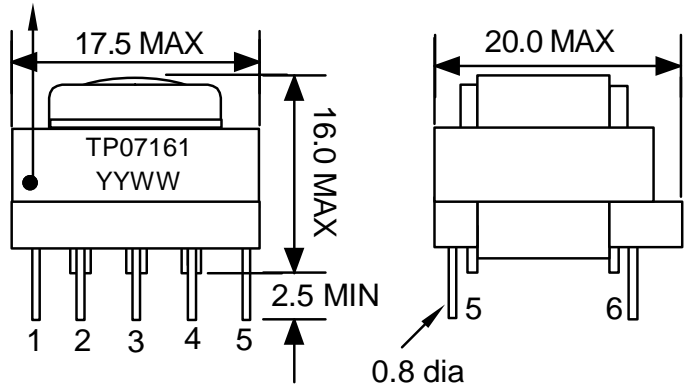
1165 Allgood Rd., Ste. #20, Marietta, GA 30062

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

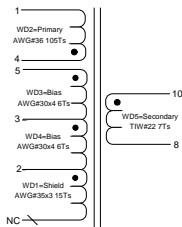
Dot for pin 1



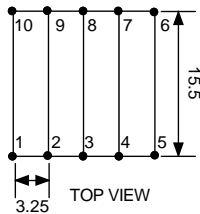
unit:mm

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

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