

Data Sheet



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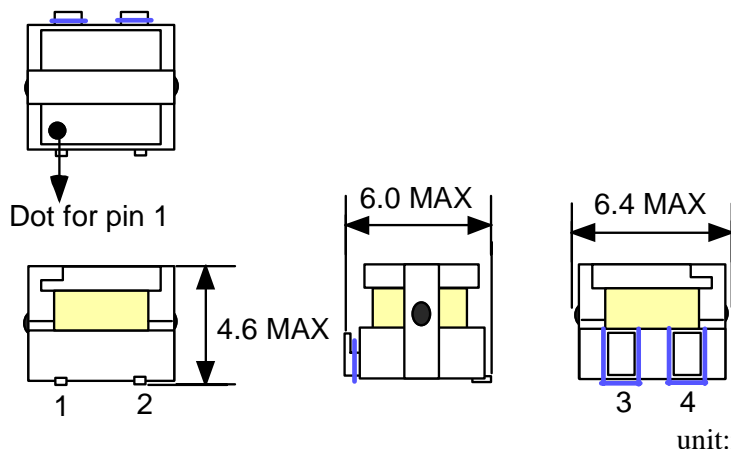
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1165 Allgood Rd., Ste. #20, Marietta, GA 30062

General Information

Customer	
Part Number	CT02-050
Description	Current Sense Transformer
Date	FEB-01-2011
Reference	--
Sample Log#	--
Doc Control #	--
Issue	--

Mechanical Drawing



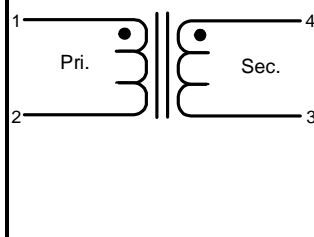
unit:mm

Specification

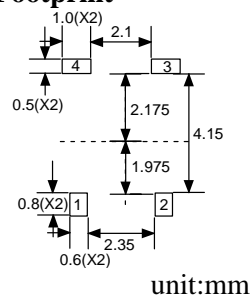
Sample Test Data

Item	Pins	Spec	Test Condition	
Inductance	4 - 3	0.44 mH min	10 kHz, 0.1 Vrms, series	
DCR	1 - 2	1.25 mOhm max	+25 deg C	
	4 - 3	0.9 Ohm max		
SRF	4 - 3	4.35 MHz typ.		
Turns Ratio	4 - 3 : 1 - 2	50 +/- 1%	100 kHz, 1Vrms	
Hi - Pot	(1,2) - (4,3)		1500 Vac, 60Hz, 1 mA, 1 minute	

Schematic

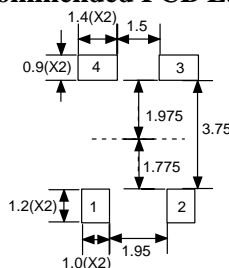


Footprint



unit:mm

Recommended PCB Layout



unit:mm

Remarks

1. This is RoHS compliant product.
2. Meet UL 94V-0.
3. Operating temperature range: -40degC to +130degC (Ambient + temperature rise).

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

Customer Signature

Rev.	Description	PRD	CHK	APP	Date	NTFY
0	Initial release	Emily	Gary	L. L. Chou	2011/2/1	2011/2/1