

Data Sheet



Helping Engineer the Technology of Power

ICE Components, Inc.

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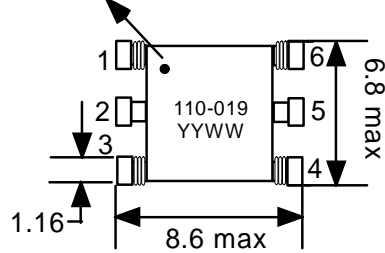
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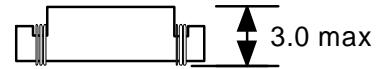
1165 Allgood Rd., Ste. #20, Marietta, GA 30062

Mechanical Drawing

Dot for pin 1



Top View



unit:mm

General Information

Customer	
Customer P/N	GT02-110-019
ICE P/N	
Revision	0
Description	Gate Drive Transformer
Date	OCT-24-2007
Reference	--
Doc Control #	0710-1055P
Issue (For ICE use only)	C

Specification

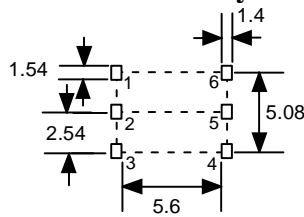
Sample Test Data

Item	Pins	Spec	Test Condition	Sample Test Data
Inductance	1 - 3	785 uH min	100 kHz, 0.1 Vrms, series	
	6 - 4	785 uH min		
Leakage Inductance	1 - 3 short (6,4)	0.36 uH max	100 kHz, 0.1 Vrms, series	
DCR	1 - 3	0.6 Ohm max	25 deg C	
	6 - 4	0.52 Ohm max		
Capacitance	1 - 4	30 pF max	100 kHz, 0.1 Vrms, series	
Voltage Ratio & Phasing Test	1 - 3	420 mV +/- 3 mV	10 kHz, i/p: 1 - 4 = 840 mV, short (3 - 6)	
	6 - 4	420 mV +/- 3 mV		
Hi - Pot	Winding - Winding		1500Vdc, 1 mA, 1 minute	

Schematic



Recommended PCB Layout



Top VIEW

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
0	Initial release	Emily	Joe	L. L. Chou	2006/2/7	2006/2/7
0	Changed epoxy fixing to RTV.	Emily	Joe	L. L. Chou	2007/10/24	2013/11/22

Customer Signature

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