

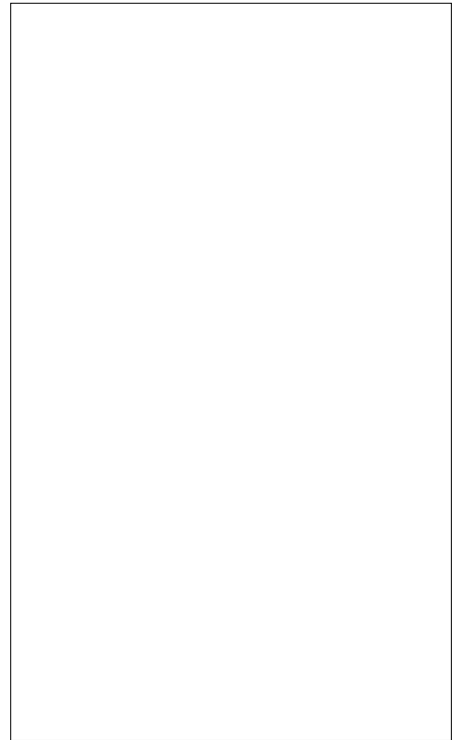


ACJT105-8V 1A TRIAC

Rev.A.1.1

DESCRIPTION:

The AC T105-8V



Peak pulse voltage ($T_f=15\mu s$; unless otherwise specified)	V_p	p 3.5	kV
---	-------	---------	----

ELECTRICAL CHARACTERISTICS

($T_f=15\mu s$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I_{GT}	$V_D=1V$ $R_L=33\Omega$			

OPERATING INFORMATION

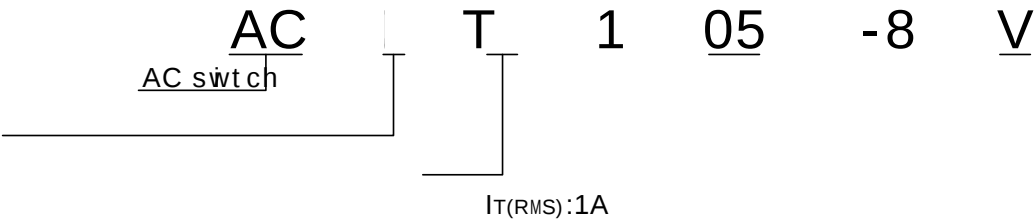


FIG.1: Maximum power dissipation versus RMS on-state current
FIG.2: RMS on-state current versus case temperature

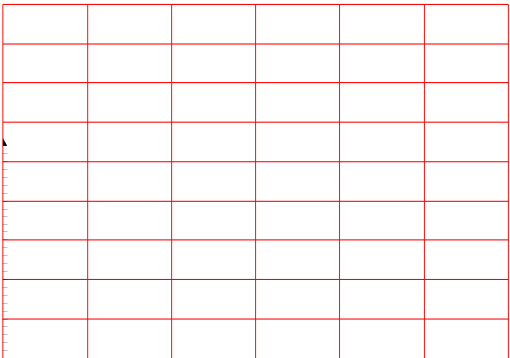


FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature

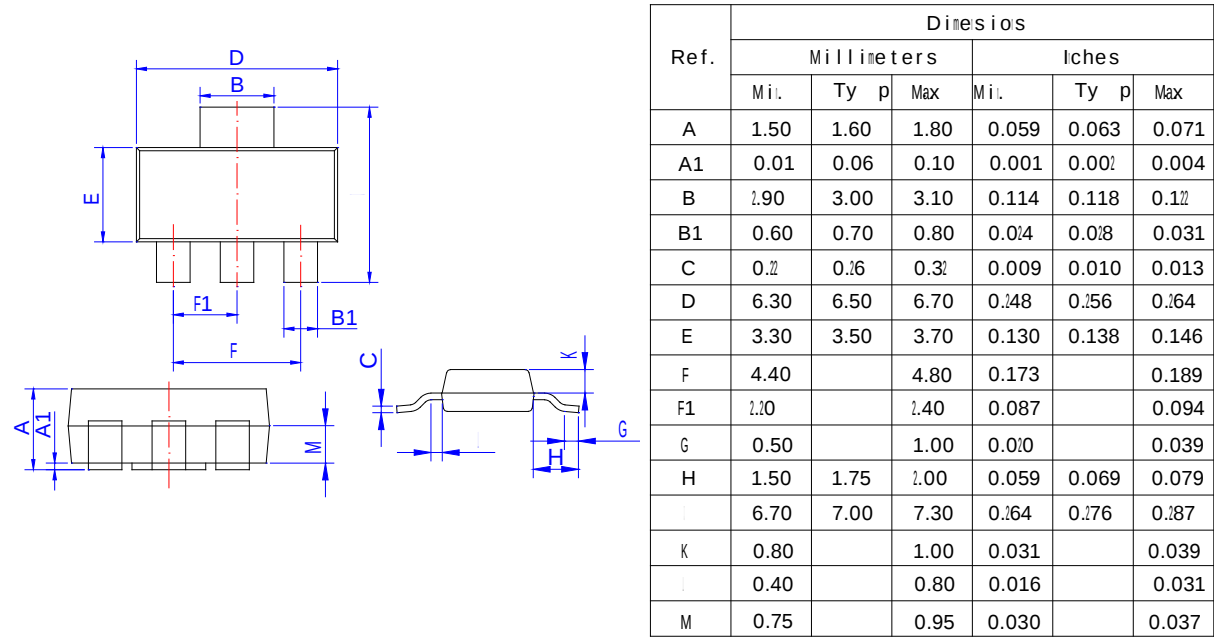
ORDERING INFORMATION

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT105-8V	800	5	SOT-223	4,000	Tape & Reel

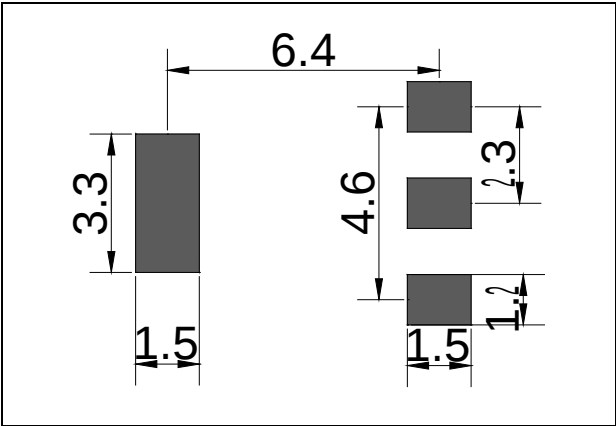
Document Revision History

Date	Revisio	Chages
A .10, 2013 Oct 23, 2015	A.1.0	as t u p dated

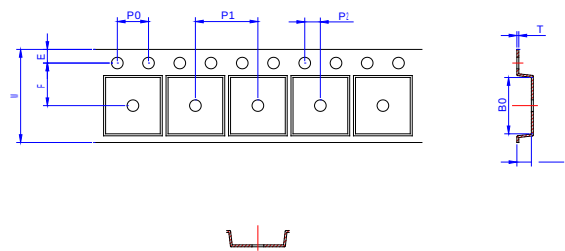
PACKAGE MECHANICAL DATA



FOOTPRINT -0T -223 (mm)



DELIVER MODE



Ref.	Dimesios							
	Millimeters			Inches				
	Mil.	Ty	p	Max	Mil.	Ty	p	Max
W	-			11.30	-			0.481
E	1.65	1.75		1.85	0.065	0.069		0.073
F	5.45	5.50		5.55	0.215	0.217		0.219
D0		1.55		1.60		0.061		0.063
D1		-		-				
P0	3.90	4.00		4.10	0.154	0.157		0.161
P1	7.90	8.00		8.10	0.311	0.315		0.319
P2	1.95	2.00		2.05	0.077	0.079		0.081
10P0	39.80	40.00		40.20	1.567	1.575		1.583
A0	6.85	6.95		7.05	0.269	0.273		0.276
B0	7.15	7.25		7.35	0.280	0.284		0.288
K0	1.95	2.05		2.15	0.076	0.080		0.084
T	0.20	0.25		0.30	0.008	0.010		0.012

Information furnished in this document is believed to be accurate and reliable. However, JieJie Microelectronics Co., Ltd. assumes no responsibility for the consequences of use without consideration for such information or use beyond it. Information mentioned in this document is subject to change without notice, as a part from that we have agreed signed, JieJie Company complies with the agreement.

Products and information provided in this document have no infringement of patents. JieJie assumes no responsibility for any infringement of other rights of third parties resulting from the use of such products or information. This document supersedes and replaces all information previously published.

 is a registered trademark of JieJie Microelectronics Co., Ltd.

Copyright © JieJie Microelectronics Co., Ltd. All rights reserved.