Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.8)	V_{pp}	4.5	kV

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33Ω	- -	MAX.	10	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} T_j =125 R_L =3.3kΩ	- -	MIN.	0.2	V
I_L	I_G =1.2I_{GT}	-	MAX.	25	mA
				35	
I_H	I_T =100mA		MAX.	15	mA
dV/dt	V				

ORDERING INFORMATION

AC J T 2 10 -10 W

- AC: AC switch
- J: JieJie Microelectronics Co., Ltd.
- T: Triacs
- 2: $I_{T(RMS)}$:2A
- 10: $I_{GT1-3} \leq 10mA$
- -10: V_{DRM} /$V_{RRM} \geq 1000V$
- W:SOT-223-2L

MARKING

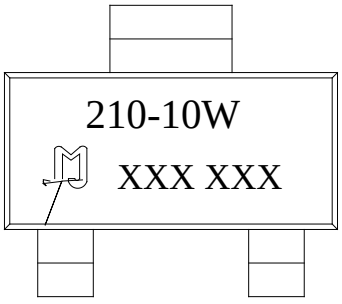


FIG.1: Maximum power dissipation versus RMS8131 Td [(M)4.5 (gsC8 (S8131 Ta52(5.(S81163(25 ( )-1-)12.4 (w C

F
hold
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FIG.8 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT210-10W	1000	10	SOT-223-2L	4,000	Tape & Reel

Document Revision History

Date	Revision	Changes
Apr.14, 2023	A.1.0	Last updated
Oct.24, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

ACJT210-10W

DELIVERY MODE

Dimensions						
Ref.	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
W						
E						
F						
D0						
D1						

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