

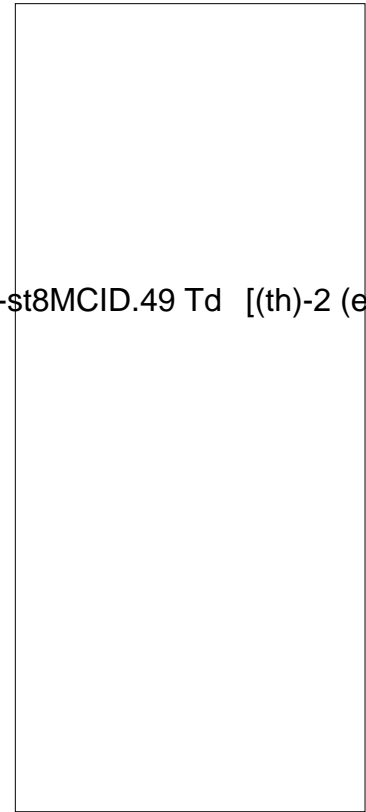


ACJP01UR-600SW 1A TRIAC

Rev.A.2.1

DESCRIPTION:

The ACJP01UR-600SW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. The ACJP01UR-600SW embeds a TVS structure to absorb the inductive turn-off energy such as those described in the IEC 61000-4-5 standards. At the same time, the triac shields



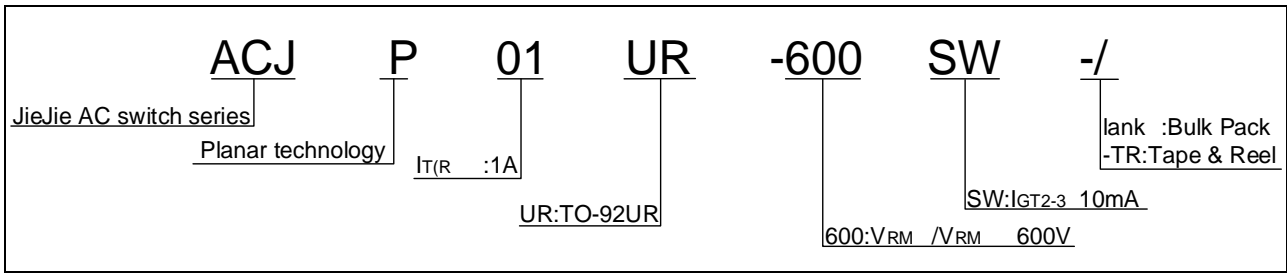
-st8MCID.49 Td [(th)-2 (e)]TJ 0 T6

Average gate power dissipation ($T_j=125$)	$P_{G(AV)}$	0.1	W
Peak gate power	P_{GM}	2	W
Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.7)	V_{pp}	4.5	kV

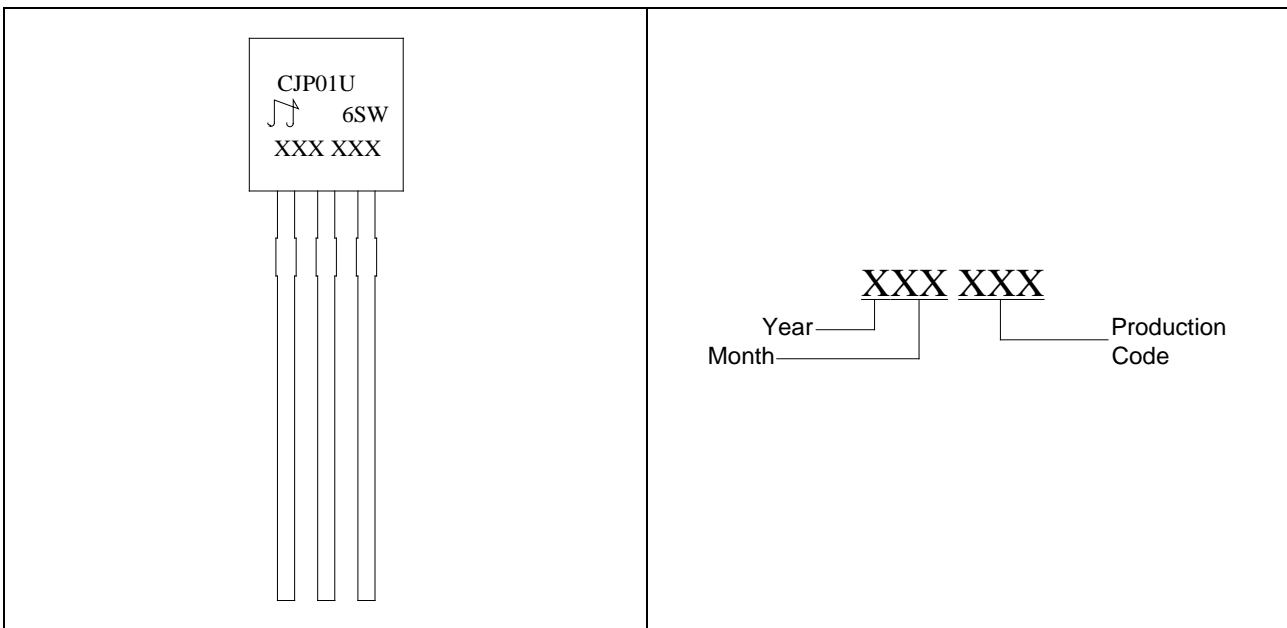
ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I_{GT}	V_D			

ORERGIORATI



MARG



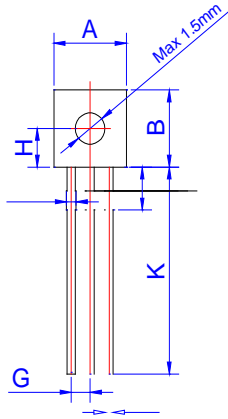
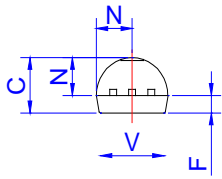
ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJP01UR-600SW	600	10	TO-92UR	1,000	Bulk Pack
ACJP01UR-600SW-TR				2,000	Tape & Reel

Document Revision History

Date	Revision	Changes
May.16		

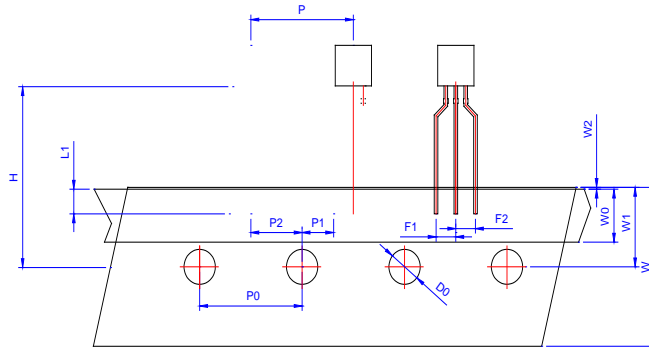
PACKAGE MECHANICAL DATA





DELIVERY MODE

PACKAGE	OUTLINE	BAG (PCS)	INNER BOX (PCS)	CARTON BOX (PCS)
TO-92UR	Bulk Pack	1,000	10,000	50,000



Ref.	Min.					
	P	12.40	12.70	13.00		
P0	12.40	12.70	13.00			
P1	3.55	3.85	4.15			
P2	5.95	6.35	6.75			
P	-1.00	0	1.00			
F1 F2	2.30	2.50	2.70			
F1-F2	-0.10	0	0.10			
W	17.50	18.00	19.00			
W0	5.50	6.00	6.50			
W1	8.50	9.00	9.50			
W2			1.00			
D0	3.80	4.00	4.20			
H	-1.00	0	1.00			
L1	2.50					
H	18.00	19.00	20.00			
H1 H2			3.00			0.119

Information furnished in this document is believed to be accurate and reliable. However, Jiangsu JieJie Microelectronics Co., Ltd. assumes no responsibility for the consequences of use without consideration for such information nor use beyond it. Information mentioned in this document is subject to change without notice, apart from that when an agreement is signed, Jiangsu JieJie complies with the agreement.