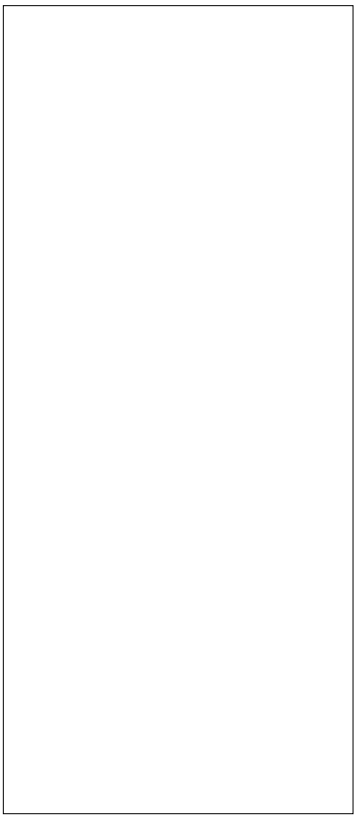
ACJP01UR-600SW 1A TRIAC

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

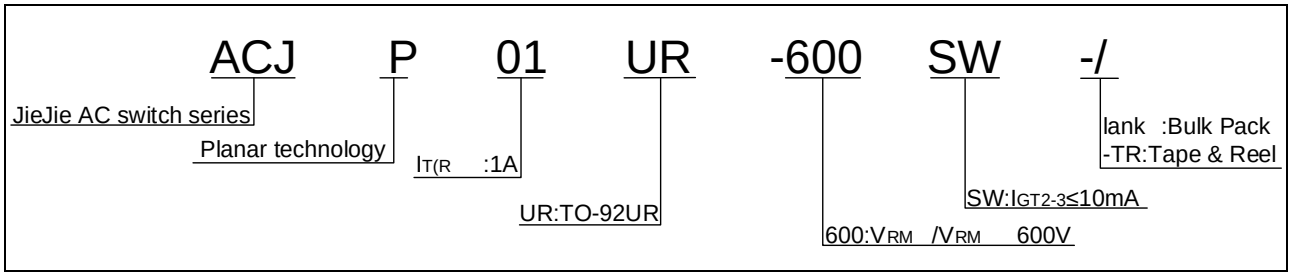


Average gate power dissipation (T_j=125)	$P_{G(AV)}$	0.1	W
Peak gate power	P_{GM}	2	W
Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.7)	V_{pp}	4.5	kV

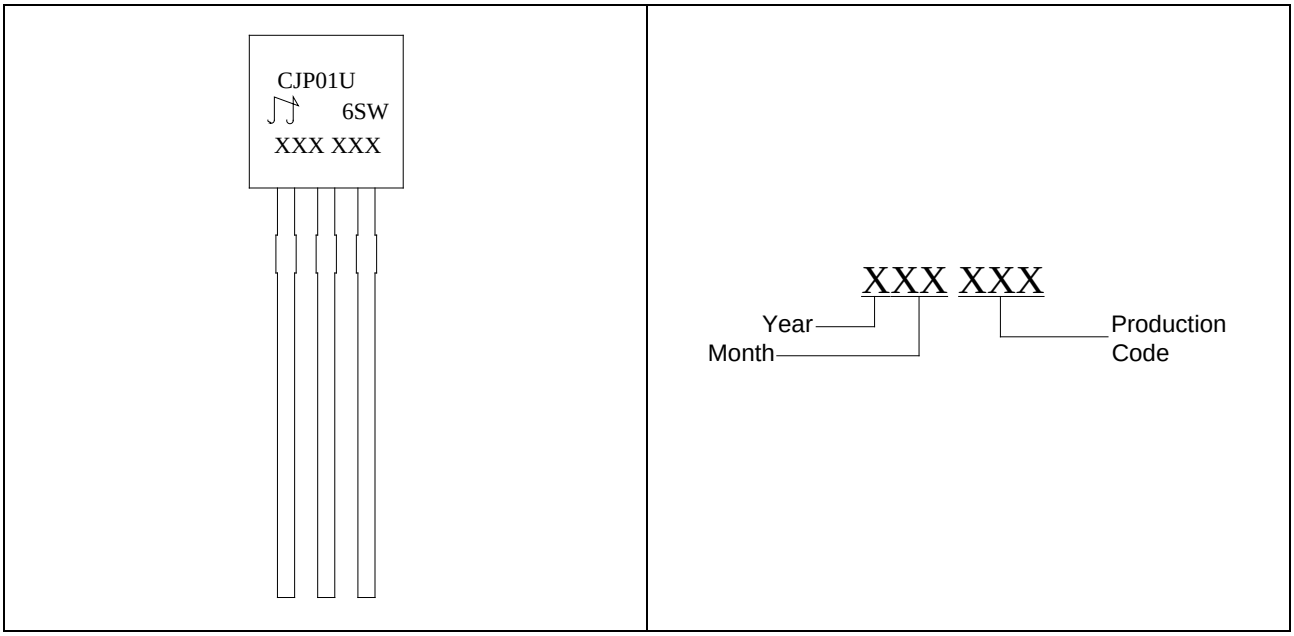
ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I_{GT}	V_D			

ORERG IORATI



MARG



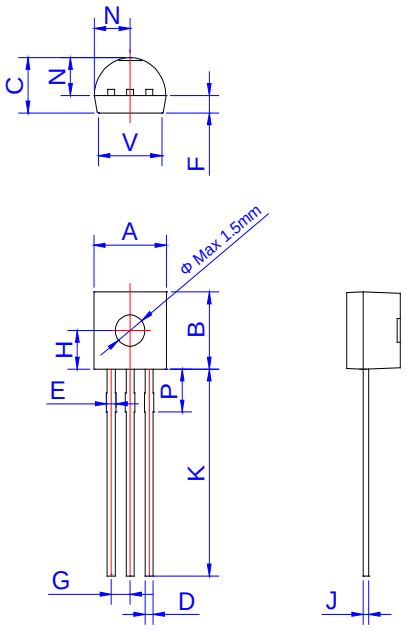
ORDERING INFORMATION

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		

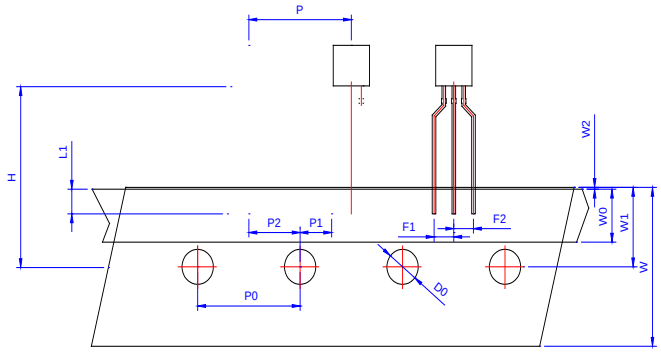
PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	4.45		5.20	0.175		0.205
B	4.32		5.33	0.170		0.210
C	3.18		4.19	0.125		0.165
D	0.407		0.533	0.016		0.021
E	0.50		0.70	0.020		0.028
F	1.10		1.30			0.051
G	1.10		1.40	0.043		0.055
H	2.20		2.40	0.087		0.094
J	0.36		0.50	0.014		0.020
K	12.70		15.0	0.500		0.591
N	2.04		2.66	0.080		0.105
P	1.80		2.30	0.071		0.091
V	4.10		4.50	0.161		0.177

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

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