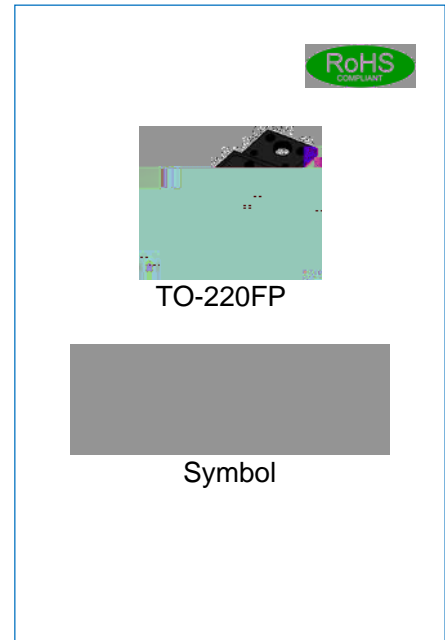




Plastic package has underwriters laboratory flammability classification 94V-0
 Lead free in comply with EU RoHS 2011/65/EU directives
 Low reverse leakage current
 Hyperfast recovery time
 Low recovery loss
 Epitaxial planar technology
 5th Generation soft fast recovery characteristics
 Output rectifiers in high-frequency switched-mode power supplies



Case: TO-220FP molded plastic over passivated junction
 Terminals: Solder plated, solderable per J-STD-002
 Weight: 2.07 gram

(Rating at 25 °C ambient temperature unless otherwise specified.)

Maximum repetitive peak reverse voltage (Pin1~2 or Pin3~2)	V_{RRM}	200	V
Maximum DC blocking voltage(Pin1~2 or Pin3~2)	V_{DC}	200	V
Average forward current at $T_C=145^\circ\text{C}$ (Pin1,3~2)	$I_{F(AV)}$	10	A

Junction temperature and storage temperature range	T_J, T_{stg}	-55 to +175	
--	----------------	-------------	--

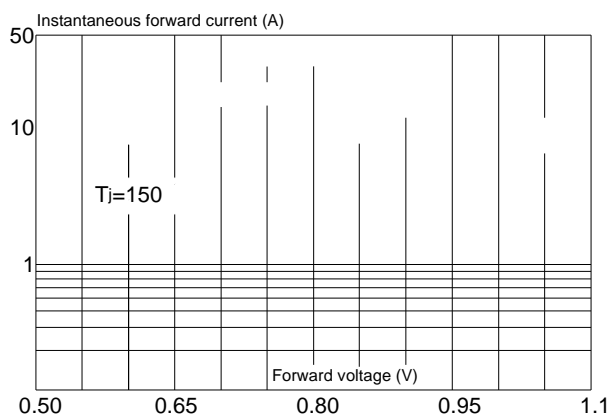
$V_{isol(RMS)}$	RMS isolation voltage	50Hz f 60Hz, RH 65%, from all pins to external heatsink, sinusoidal waveform, clean and dust free	-	-	2500	V
C_{isol}	Isolation capacitance	from cathode to external heatsink	-	10	-	pF

TEL



FIG.1: Typical forward characteristics
(Pin1~2 or Pin3~2)

FIG.2: Typical reverse characteristics
(Pin1~2 or Pin3~2)





JieJie products are not designed for, and shall not be used for, any purpose (including, without limitation, automotive, military, aerospace, medical, life-saving, life-sustaining or nuclear fe1-