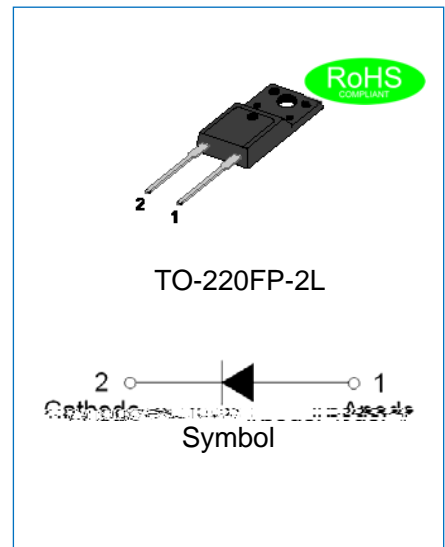


Plastic package has underwriters laboratory flammability classification 94V-0
 Lead free in comply with EU RoHS 2011/65/EU directives
 Low reverse leakage current
 Ultrafast recovery time and soft recovery characteristics
 Low recovery loss



MECHANICAL DATA

Case: TO-220FP-2L molded plastic over passivated junction
 Terminals: Solder plated, solderable per J-STD-002
 Weight: 2gram

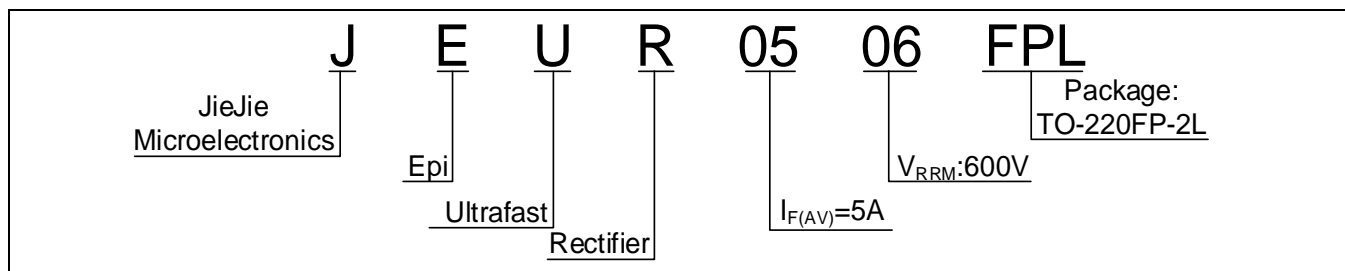
ABSOLUTE MAXIMUM RATING (Rating at 25 °C ambient temperature unless otherwise specified.)

Parameter	Symbol	JEUR0506FPL	Unit
Maximum repetitive peak reverse voltage	V_{RRM}	600	V
Maximum DC blocking voltage	V_{DC}	600	V
Average forward current at $T_h=115$	$I_{F(AV)}$	5	A
Peak forward surge current: 8.3ms single half sine-wave superimposed on rated load	I_{FSM}	110	A
Operating junction and storage temperature range	T_J, T_{STG}	-55 to +150	

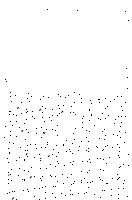
ISOLATION CHARACTERISTICS

Symbol	Parameter	Conditions	Min.	Typ.	Max.	Unit
$V_{isol(RMS)}$	P_{VRM}	- 10 -				pF
	heatsink					

ORDERING INFORMATION



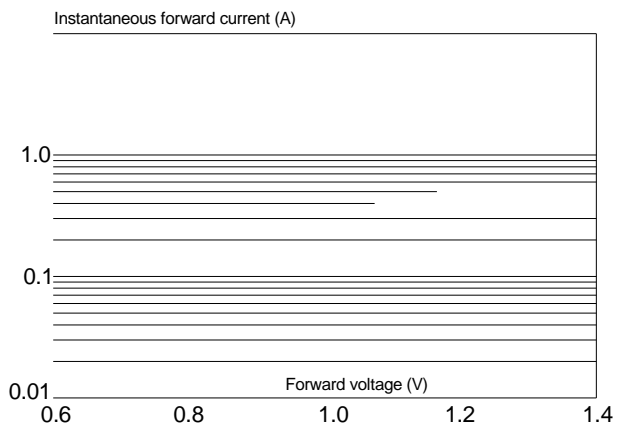
PACKAGE MECHANICAL DATA



CHARACTERISTICS CURVE

FIG.1: Typical forward characteristics

FIG.2: Typical reverse characteristics




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