



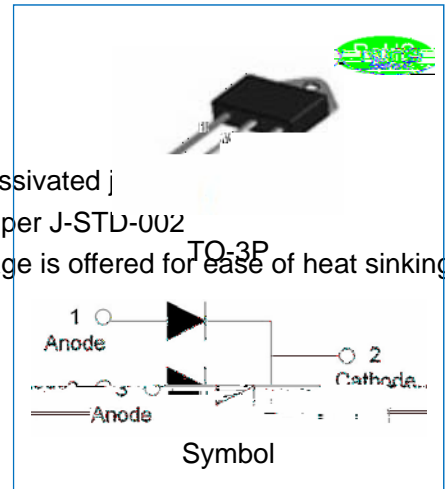
Plastic package has underwriters laboratory flammability classification 94V-0
Lead free in comply with EU

over passivated j

Terminals: Solder plated, solderable per J-STD-002

Internally constructed isolated package is offered for ease of heat sinking with high

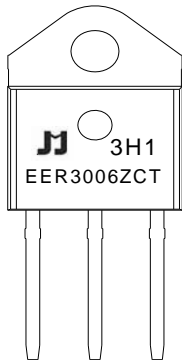
Weight:4.805gram



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

Maximum repetitive peak reverse voltage	V_{RRM}	600	V
Maximum DC blocking voltage	V_{DC}	600	V
Maximum average forward rectified current at $T_{mb}=128$	$I_{F(AV)}$	30	A
Peak forward surge current: 10ms single half sine-wave superimposed on rated load per diode	I_{FSM}	140	A
Junction temperature and storage temperature range	T_j, T_{stg}	-55 to +150	

$V_{isol(RMS)}$	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



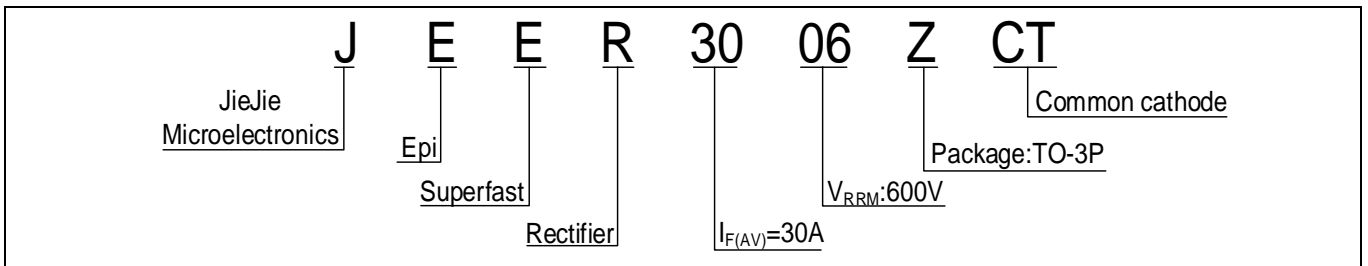
EER	EPI Superfast Recovery Rectifier
30	$I_{F(AV)}=30A$
06	$V_{RRM}: 600V$
Z	Package: TO-3P
CT	Common cathode

_H1 Month 1 2 3 9 A B C

3_1

2018	2019	2020	2021	2022	2023	2024
H		J	K	L	M	N
2025	2026	2027	2028	2029	2030	...
O	P	Q	R	S	T	...

3H_ Batch number



- ((5 = & 7

- LH - LH 0LFURHOHFWURQL

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FIG.1: Typical forward characteristics

FIG.2: Typical reverse characteristics

