



JECR0806KW

EPI HYPERFAST SOFT RECOVERY RECTIFIER

Rev.1.5

DESCRIPTION

- 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 and soft recovery characteristics
- Low recovery loss

MECHANICAL DATA

- Case: TO-252 molded plastic
- Terminals: Solder plated, solderable per J-STD-002
- Weight: 0.329 gram

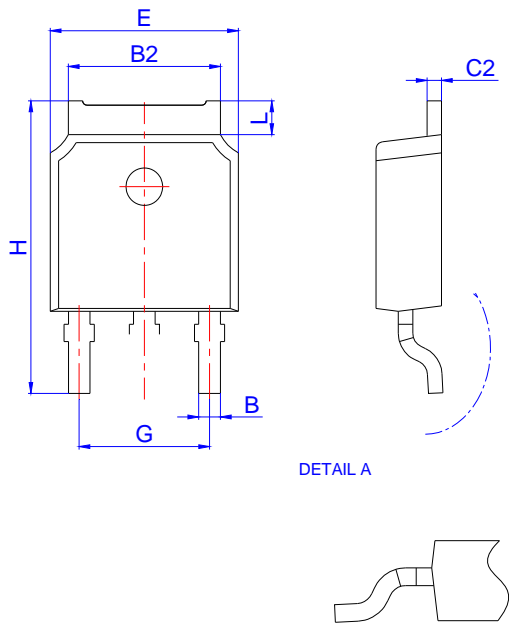
ABSOLUTE MAXIMUM RATING(Rating at 25 ambient temperature unless otherwise specified.)

Parameter	Symbol	JECR0806KW	Unit
Maximum repetitive peak reverse voltage	$V_{RRM}$	600	V
Maximum DC blocking voltage	$V_{DC}$	600	V
Average forward current =0.5, $T_{mb}$ 130 ,square-wave pulse	$I_{F(AV)}$	8	A
Peak forward surge current: 8.3ms single half sine-wave superimposed on rated load Peak forward surge current: 10ms single half sine-wave superimposed on rated load	$I_{FSM}$	100	A



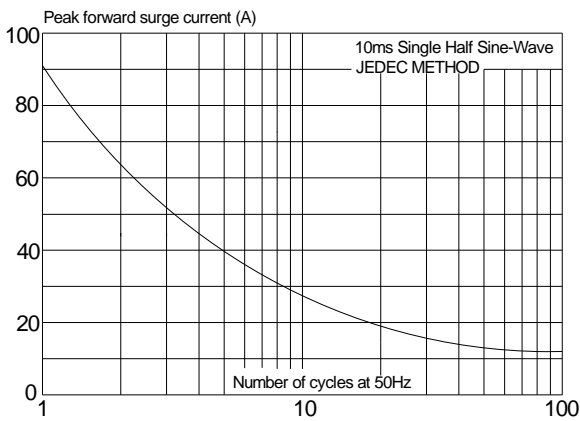
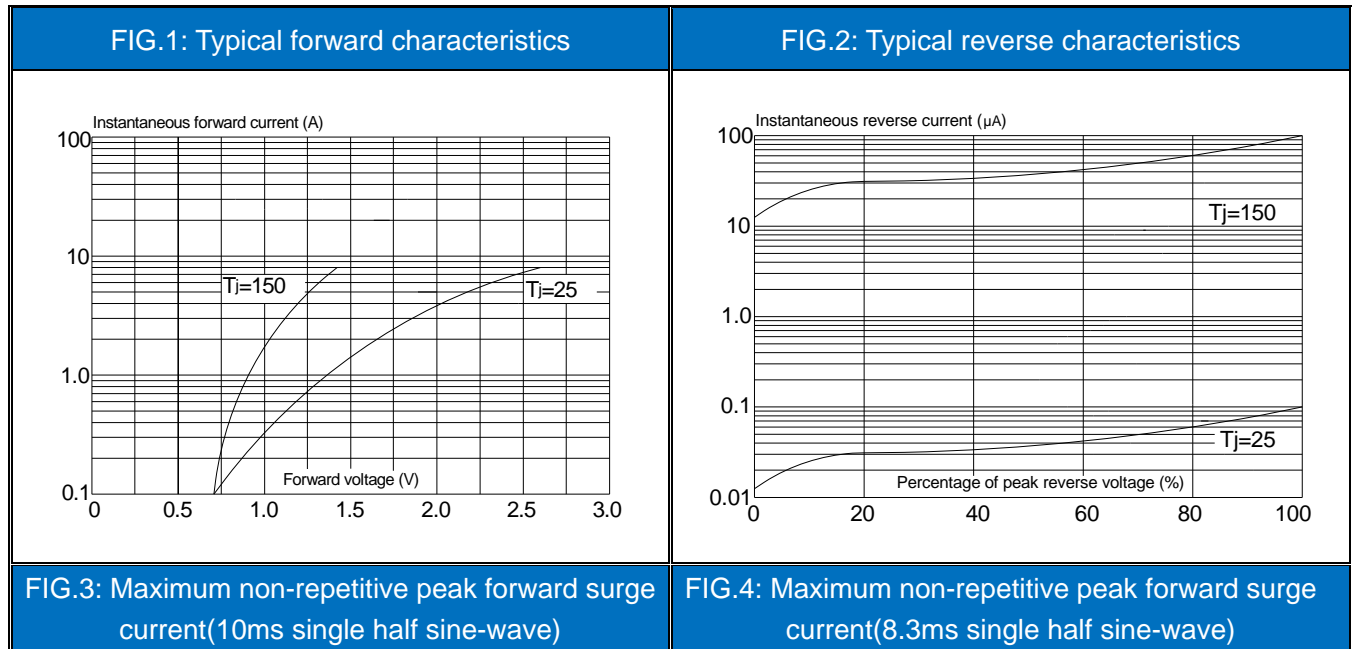


PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	2.10		2.50	0.083		0.098
A2	0		0.15	0		0.006
B	0.66		0.86	0.026		0.034
B2	5.18		5.48	0.202		0.216
C	0.40		0.60	0.016		0.024
C2	0.44		0.58	0.017		0.023
D	5.90		6.30	0.232		0.248
D1	5.30REF			0.209REF		
E	6.40		6.80	0.252		0.268
E1	4.63			0.182		
G	4.47		4.67	0.176		0.184
H	9.50		10.70	0.374		0.421
L	0.95		1.30	0.037		0.051
L2	1.35		1.65	0.053		0.065
V1		7°			7°	
V2	0°		6°	0°		6°

CHARACTERISTICS CURVE



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