

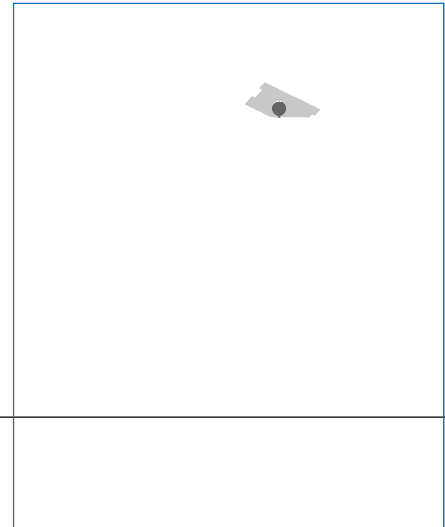


## JEER1604CCT EPI SUPERFAST SOFT RECOVERY RECTIFIER

Rev.1.2

### 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
- ✧ Superfast recovery time and soft recovery characteristics
- ✧ Low recovery loss



### MECHANICAL DATA

- ✧ Case: TO-220C molded plastic over passivated junction
- ✧ Terminals: Solder plated, solderable per J-STD-002
- ✧ Weight:2.08 gram

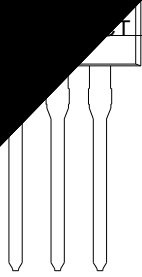
### ABSOLUTE MAXIMUM RATING (Rating at 25 °C case temperature unless otherwise specified.)

Parameter	Symbol	JEER1604CCT	Unit
Maximum repetitive peak reverse voltage	$V_{RRM}$	400	V

Reverse current	$V_R=400V, T_j=25$	$I_R$	-	-	5	$\mu A$
	$V_R=400V, T_j=150$		-	-	200	
Reverse recovery time	$I_F=0.5A, I_R=1A, I_{rr}=0.25A$	$t_{rr}$	-	-	35	ns

### THERMAL RESISTANCES

Symbol	Parameter	Min.	Typ.	Max.	Unit
$R_{th(j-c)}$	Thermal resistance from junction to case	-	2.0	-	$^{\circ}C/W$



### ORDERING INFORMATION

<b>J</b>	<b>E</b>	<b>E</b>	<b>R</b>	<b>16</b>	<b>04</b>	<b>C</b>	<b>CT</b>
JieJie Microelectronics	Epi Superfast	Rectifier		$I_{F(AV)}=16A$	$V_{RRM}=400V$	Package:TO-220C	Common cathode

### PACKAGE MECHANICAL DATA



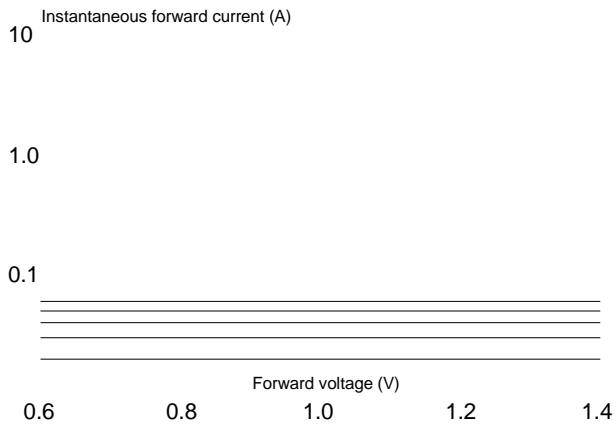


PACKAGE INFORMATION-TO-220C

CHARACTERISTICS CURVE

FIG.1: Typical forward characteristics(25 )

FIG.2: Typical reverse characteristics





JieJie products are not designed for, and shall not be used for, any purpose (including, without limitation, automotive, military, aerospace, medical, life-savi

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