



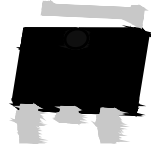
>=9>=9'A=7FC9@97HFCB=7G'7C"ž'@H8"

>D7F\$)\$&?'

9D='D@5B5F' <MD9F : 5GH'GC : H'F97CJ9FM'F97H-::=9F' FYj'%'

89G7F=DH=CB'

- 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
- Epitaxial planar technology
- 5th Generation soft fast recovery characteristics
- Low recovery loss



A97 < 5B=75@' 85H5'

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

56GC@ IH9'A5L=A I A'F5H=B ; (Rating at 25 ambient temperature unless otherwise specified.)'

DUFU a YhYf'

9@97HF=75@'7<5F57H9F=GH=7G(Rating at 25 ambient temperature unless otherwise specified.)'

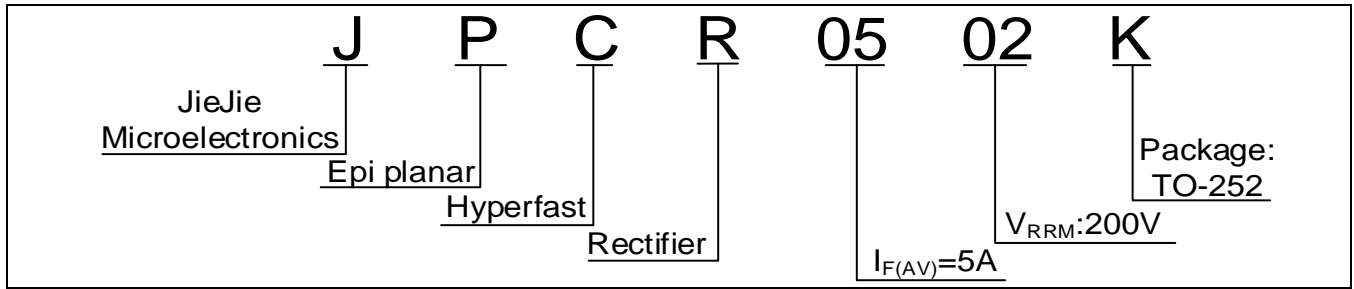
DUfU a YhYf'		Gm a Vc''	A]b''	Hmd''	AUI''	I b]h'
Forward voltage	$I_F=5A, T_j=25$	V_F	-	0.92	1.1	V
	$I_F=5A, T_j=150$		-	-	0.895	
Reverse current	$V_R=200V, T_j=25$	I_R	-	-	5	μA
	$V_R=200V, T_j=150$		-	-	200	
Reverse recovery time	$I_F=1A, V_R=30V,$ $di/dt=200A/\mu s, T_j=25$ $I_F=5A, V_R$	t_{rr}	-	17	-	ns

>D7F\$)\$&?'

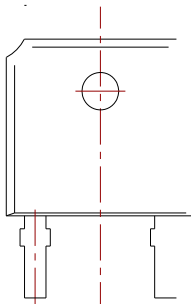


>]Y>]Y'A]WfcY'YWhfcb]Wg'7c"ž'@hX"

CF89F=B ; 'B: CFA5H=CB'



D57?5 ; 9'A97<5B=75@'85H5'



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°

TEL Ž, *!)%! , ' *' -+++

! ' # *!

\hhd. ##kkk" ^\kXn" Vta'

>D7F\$)\$&?' ' >]Y>]Y'A]WfcY`YWhfcb]Wg'7c"z'@hX"



7<5F57H9F:H=7G'7 I FJ9

FIG.1 Typical forward characteristics

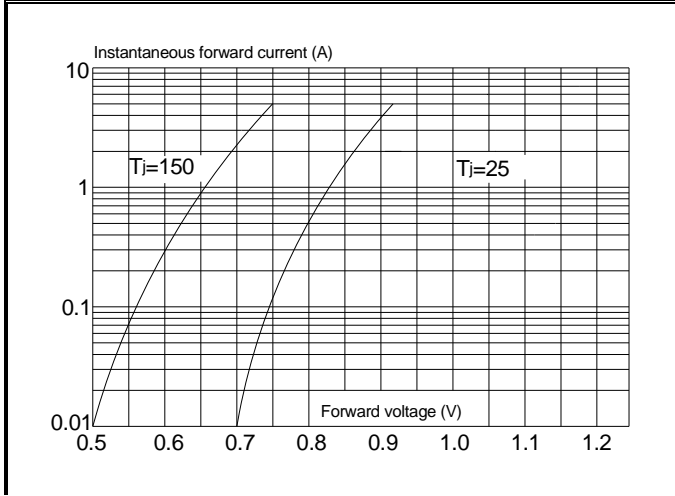


FIG.2 Typical reverse characteristics

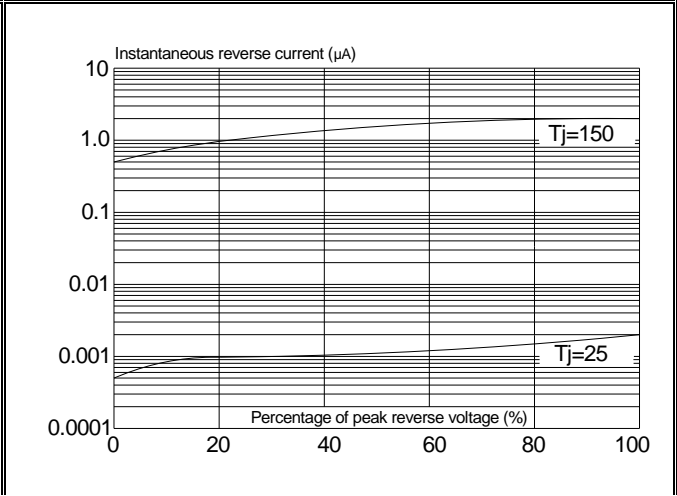


FIG.3 Maximum non-repetitive peak forward surge

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