



GW\chh\_m'8]cXYg'

:YUhiFYg'

- High frequency operation
- Low forward voltage drop
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- Solder dip 275 °C max. 7s, per JESD 22-B106

Hmd]WU'5dd']WUh]cbg'

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection

AYW\Ub]WU'8UuU'

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UW\_U[Y. M " 9 â M

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	IO	A	20
Surge(Non-repetitive)Forward Current @60Hz half sine wave, 1 cycle, Ta=25	IFSM	A	375
Current Squared Time @1ms t 8.3ms Tj=25	I <sup>2</sup> t	A <sup>2</sup> s	583
Storage Temperature	Tstg		-55 ~+150
Junction Temperature IN DC Forward Mode-Forward Operations without reverse bias, t 1 h (Fig. 1)	Tj		-55 ~+200

BCH9'

Meets the requirements of IEC 61215 Ed. 2 bypass diode thermal test.

9`YWhf]WU'7\UfUWhYf]gh]Wg U l ] a i a 8 7 f Y j Y f g Y W i f f Y b h U h J F A 1 J F F A  
 f U h Y X 8 7 V ` c W \_ ] b [ j c ` h U [ Y d Y f X ] 5 c X Y H ( 1 & )

	IRRM2	VRM=VRRM Ta=100	50

H\YfaU'7\UfUWhYf]gh]Wg' Ta=25 Unless otherwise specified

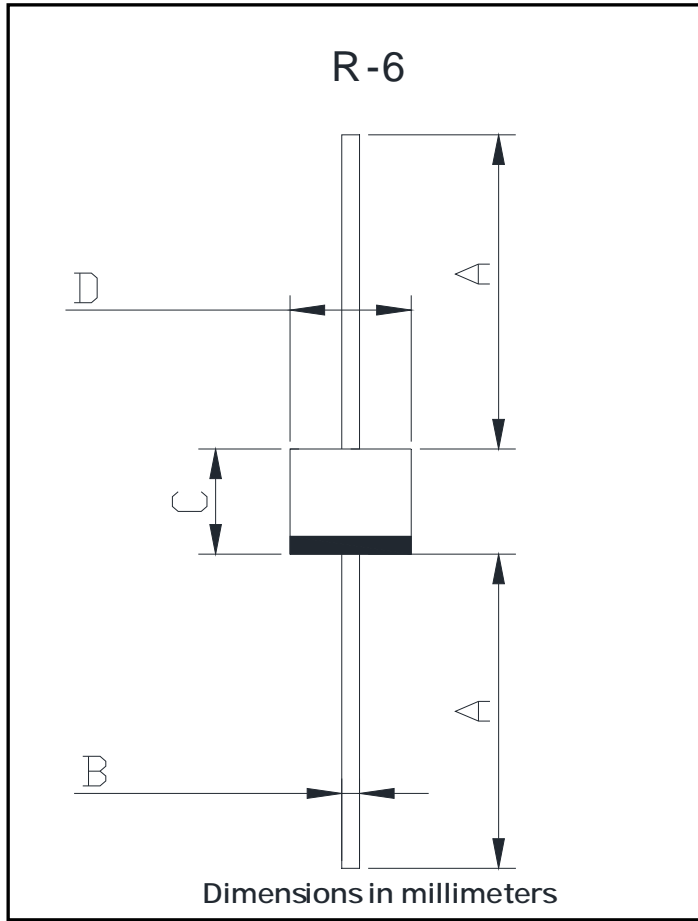


CfXYf]b[-bZcf aUh]cb'(Example)

DF9:9F98'D#B'	IB-H'K9-;<Hfl[L'	A=B=AIA' D57?5;9fidWgt'	=BB9F'6CL' E I 5BH=HMfidWgt'	C I H9F'75FHCB' E I 5BH=HMfidWgt'	89@=-J9FM'AC89'
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C i h`]bY`8]a Ybg]cbg`



F!*		
Dim	Min	Max
A	25.4	/
B	1.2	1.3
C	8.6	9.1
D	8.6	9.1

